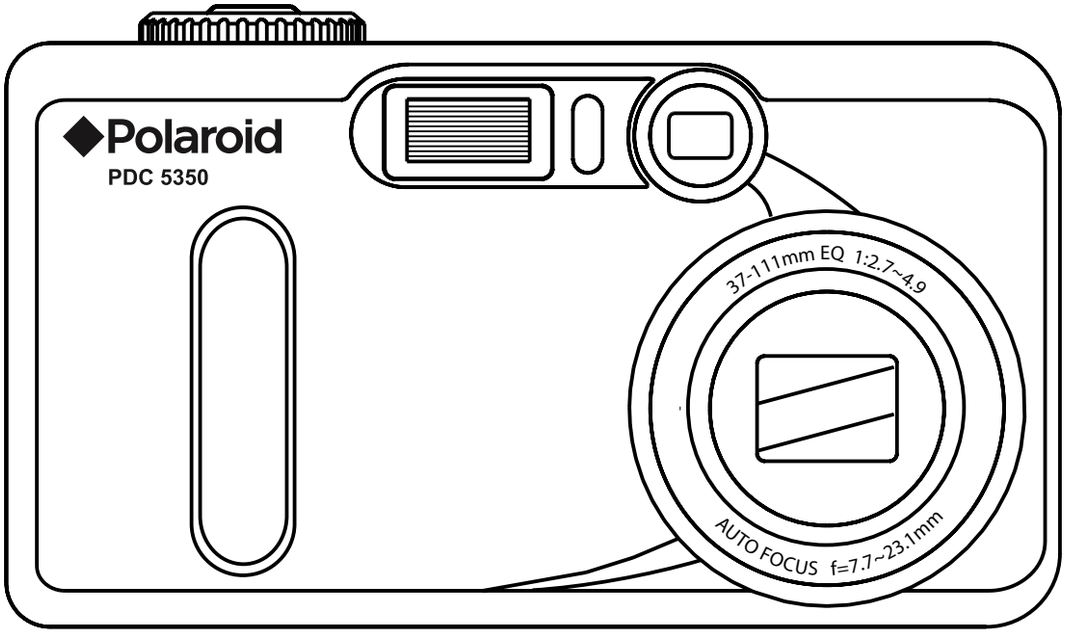
Polaroid

PDC 5350

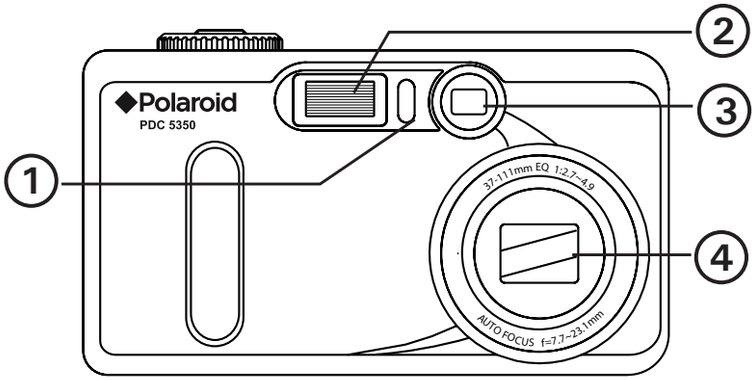
Digital Camera
User Guide



www.polaroid-digital.com

Product Overview

1. Self-timer/Battery Charge LED
2. Flash
3. Viewfinder
4. Zoom lens



Front View

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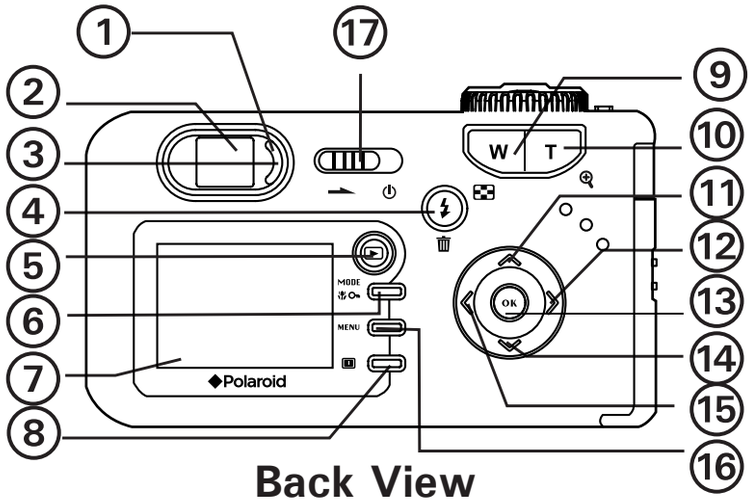
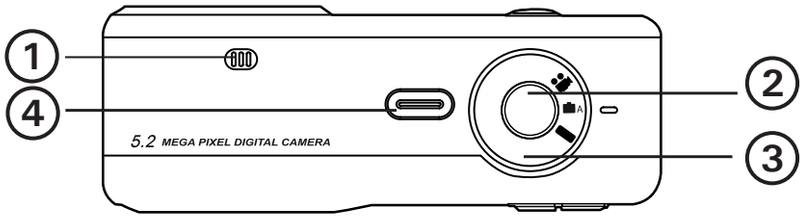
1. Operation LED
2. Viewfinder
3. Flash Charge/Focus LED
4. Flash/Erase button
5. Playback button
6. Macro/Protect button
7. LCD screen
8. Display on/off button
9. Zoom Out button
10. Zoom In button
11. Up button
12. Right button
13. OK button
14. Down button
15. Left button
16. Menu button
17. Power switch

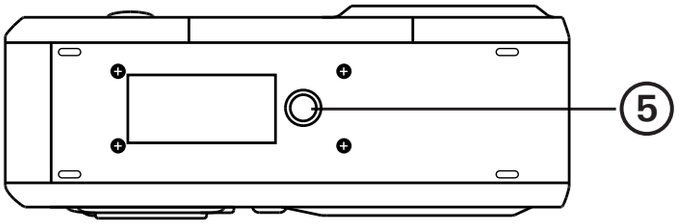


Back View

1. Microphone
2. Shutter button
3. Mode dial
4. Speaker
5. Tripod mount



Top View



Bottom View

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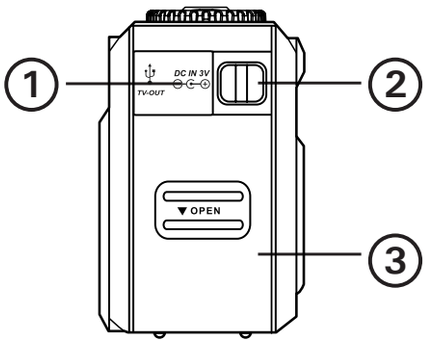
1. Cover for USB port/DC in jack
2. Hand strap holder
3. Battery/SD card cover



Side view

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1 Getting Started

The Polaroid PDC 5350 digital camera takes you to the next level in digital photography. Powered by a 5.2 mega pixel resolution sensor, multiple glass lens system with optical zoom, the PDC 5350 is designed to handle the needs of the more advanced photographer. Here are a few examples of how you can use your camera:

Enjoy point & shoot or full manual operation. Adjust the resolution for print or email, white balance and exposure compensation to suit light conditions. Set the exposure, aperture or ISO for full manual control.

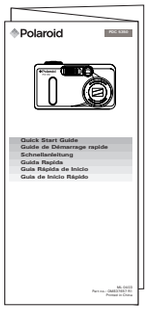
Store pictures and video clips to the internal memory or a SD card.

Playback pictures and video clips on LCD screen, TV or a computer.

Send the pictures and video clips over the Internet to family and friends.

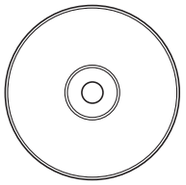
• Camera Package Contents

PDC 5350

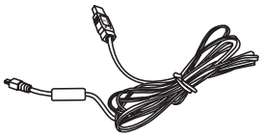


Quick Guide

Warranty Card

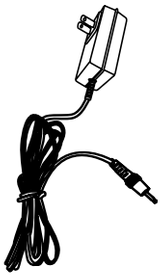


PDC 5350 CD-ROM includes
Polaroid PDC 5350 Camera Driver (PC)
Arcsoft® PhotoImpression™ 4.0 (PC & Mac),
Adobe® Acrobat® Reader (PC & Mac)
QuickTime Player (PC & Mac)
User Guide (in PDF format)



USB Cable

Video Cable



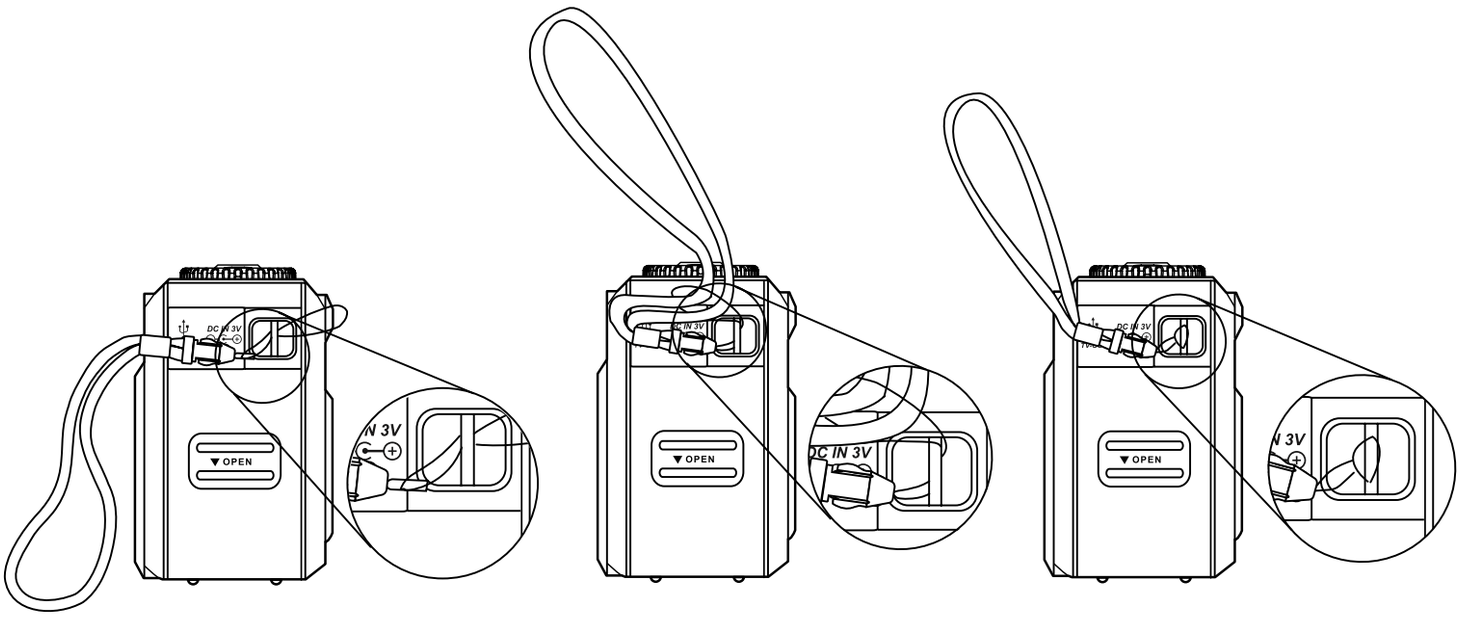
AC Adaptor

Hand Strap

Li-ion Battery

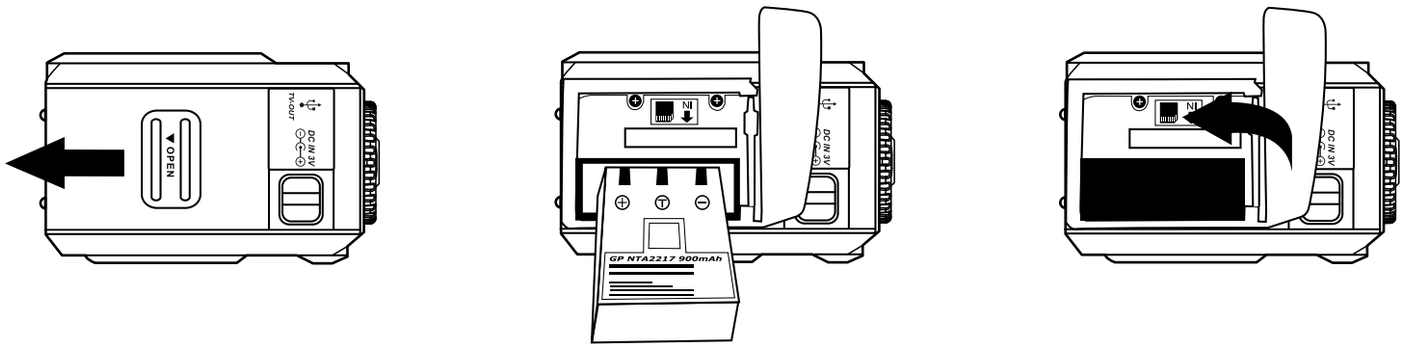
Pouch

• Attaching the Hand Strap



• Inserting the Battery into the Camera

1. Open the camera battery door by pushing it outwards as illustrated.
2. Insert the battery as shown, ensuring you follow the +/- signs that are shown on outside of the battery.
3. Close the battery door by pressing it downwards then slide it back to lock.

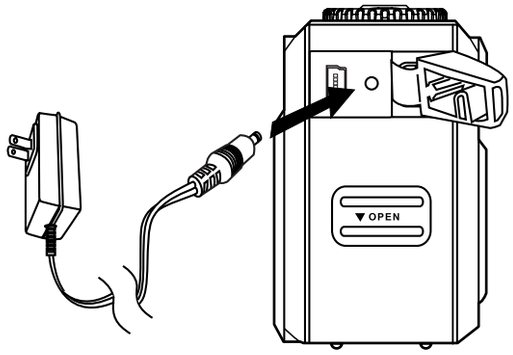


For more guidelines on battery usage, please see "**Using Your Battery**" on page 78.

You can also use an AC adaptor (DC 5V, 2.0A, centre positive (included) to supply power for the camera.

• Connecting the AC Adaptor (Included)

Turn off the camera before connecting or disconnecting the Adaptor. Connect the adaptor as shown to power the camera and charge the battery from a household power outlet. The camera automatically switches over to AC adaptor powered operation when AC adaptor is connected. The AC adapter can be used with or without the battery in place.



IMPORTANT!

- Only use a DC 5V, 2.0A, centre positive AC adaptor (included).
- We recommend the user to use AC adaptor to power the camera whenever connected to a computer.
- AC adaptor supplied with Polaroid PDC 5350 camera may vary for different countries and regions.

• Charging the Battery

One piece Lithium Ion rechargeable battery is supplied with the product. Please fully charge the battery for up to 8 hours before you use the battery for the first time after your purchase, and about 4 hours for subsequent recharging.

1. Insert the battery into the camera battery compartment, ensuring you follow the +/- signs that are shown on outside of the battery.
2. Plug the end of the AC adaptor into the DC in jack on the camera and connect the adaptor to a household power outlet.
3. The Self-timer/Battery charge LED will light up in green, indicating battery charging in progress. The LED will turn off when the battery is fully charged.

NOTE

The AC adaptor will stop recharge operation once the battery is fully charged. But it is recommended to disconnected the AC adaptor from the camera when the Battery Charge LED turns off.

Only use the supplied Lithium Ion rechargeable battery (Model No.:GP NTA2217; 3.7V 900mAh; L50mm X W31mm X H10mm) with the camera. This rechargeable battery should last for the life of the camera, but as is the case with all rechargeable batteries the actual charge held may decline with use. Should it ever become necessary to replace the rechargeable battery, please contact your distributor or visit http://www.polaroid-digital.com for more information on replacement or backup batteries.

• Turning the Camera On and Off

Slide the Power Switch in the arrow direction shown near the Power Switch and hold it for 2 seconds to turn on the camera. You will hear a beep sound and the Operation LED will light up in green. The Flash Charge LED will blink in red, indicating charging the Flash. It will stop blinking upon fully charging the Flash. Slide the Power Switch again and hold it for 2 seconds to turn off the camera.

• Checking the Battery Level

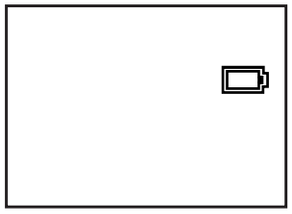
Check the battery power level before taking pictures .

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the camera in Auto, A/S/M or Video mode.
3. Check the battery power status that appears on the LCD screen.

Battery has adequate power.

Battery power is low.

Battery power is exhausted. “Recharge battery” will appear on the LCD screen when the battery is exhausted and then the camera will turn off automatically. Please recharge the battery.



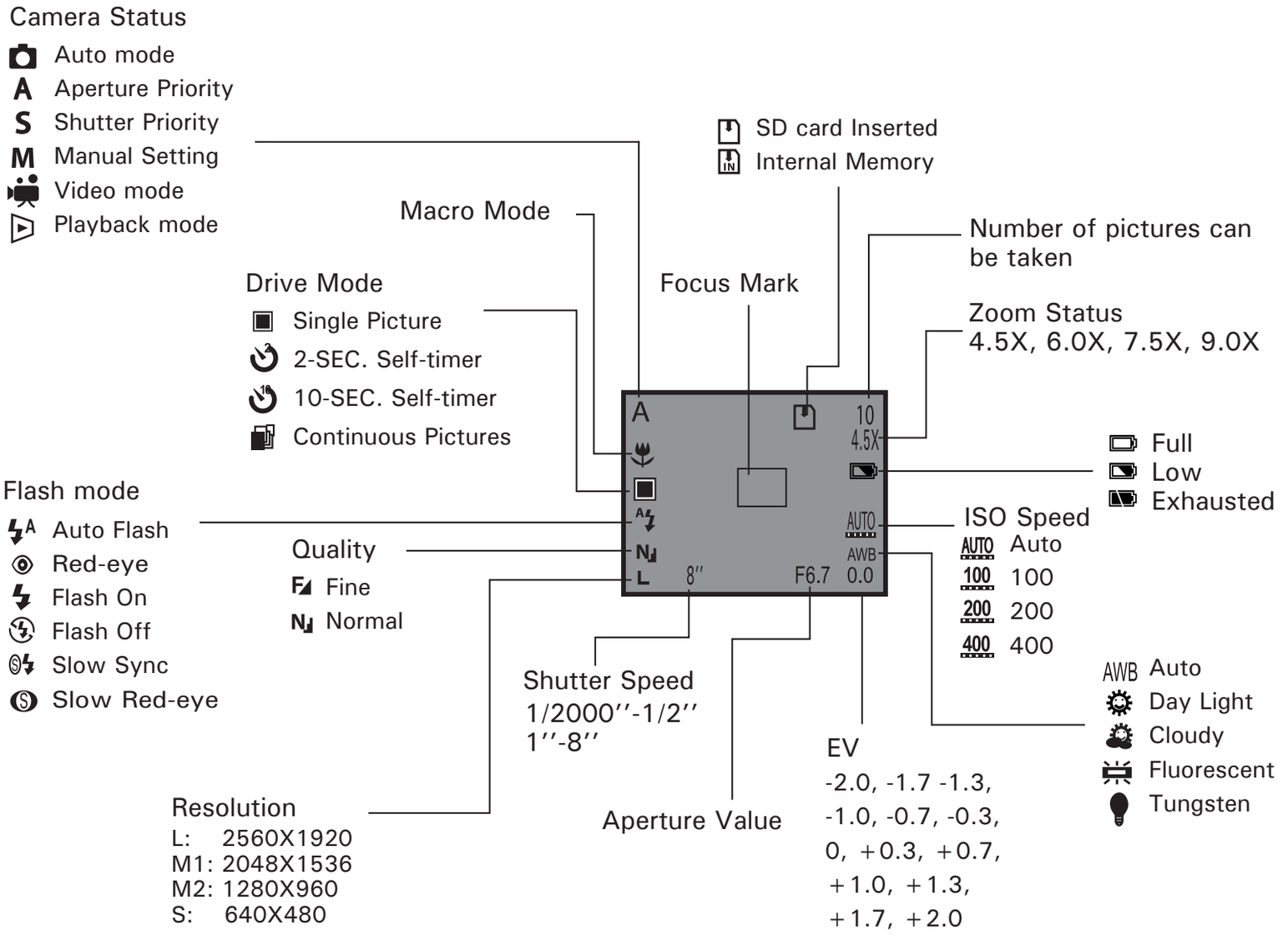
• How to Navigate Menus

Menus are used to adjust capture and play settings, as well as other camera settings like the Date/Time and sounds. Menus are displayed on the LCD by pressing the menu button.

According to the circumstances, press the menu button and then press the ◀ or ▶ buttons to select the camera or setup menu. Press ▲ and ▼ buttons to scroll up and down through menus. Press ◀ and ▶ buttons to scroll left and right.

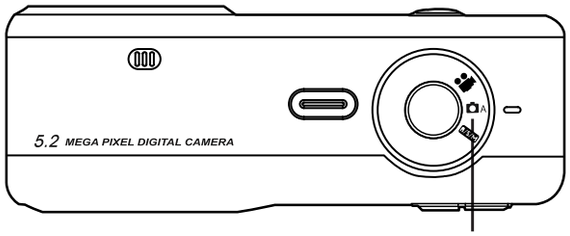
• Checking Camera Status

Turn on the camera, view the camera LCD screen to check which camera settings are active. If the feature icon is not displayed, it means that particular feature is not activated.



• Camera Mode

The camera has three working modes. You can select Auto mode, Video mode or A/S/M mode by turning the Mode dial located on the top of the camera. Under all these modes, you can access the Set-up menu to change the camera settings to customize your camera.



Mode dial

Auto mode A

Under this mode, the camera will automatically judge the environment conditions for you. It will set the Exposure and White balance automatically according to the shooting environment.

A/S/M mode A/S/M

Under this mode, you can set the aperture, shutter or Manual setting for priority based on different environment condition before taking pictures. Further detail refer to "**Taking a Picture in A/S/M Mode**" on page 36.

Video mode

Using this mode to record video clips.

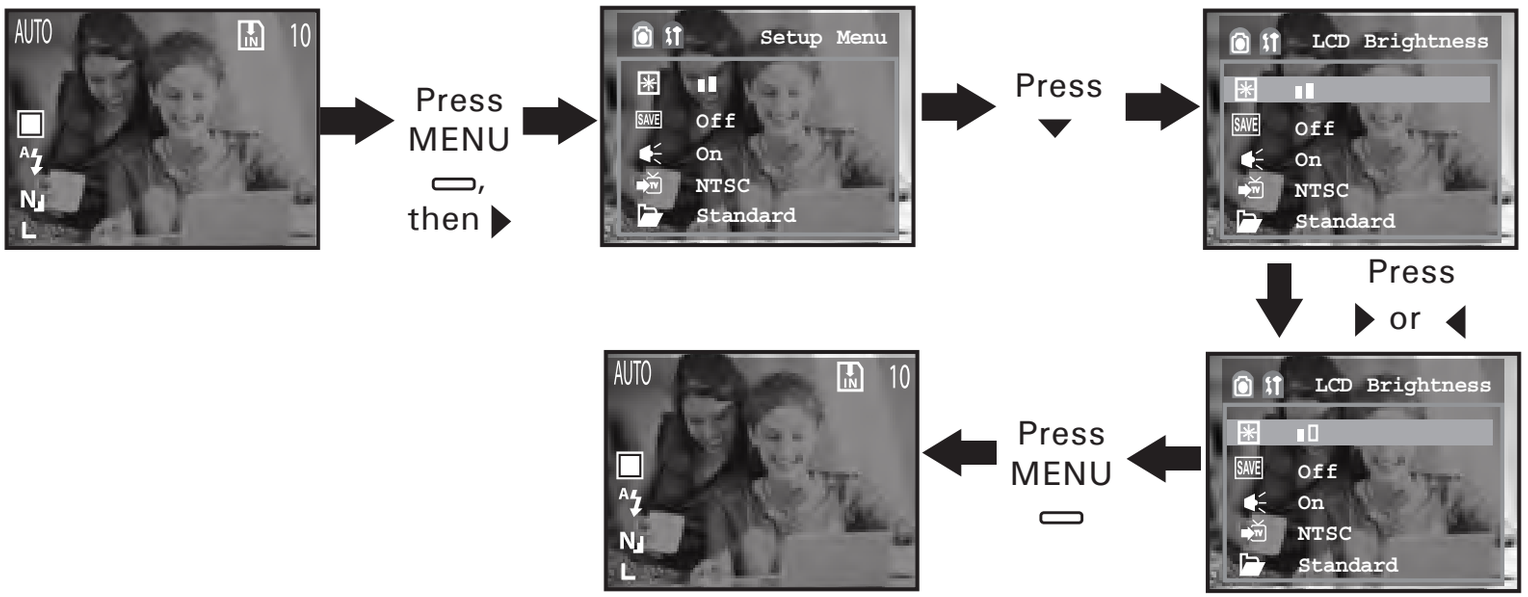
• Setup Menu

The Setup Menu is available in Auto, A/S/M, Video and Playback modes.

• Setting LCD Brightness

This setting enables you to adjust the LCD brightness.

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the camera in Auto mode.



This setting is also available in A/S/M, Video and Playback modes.

• Auto Power Save Settings

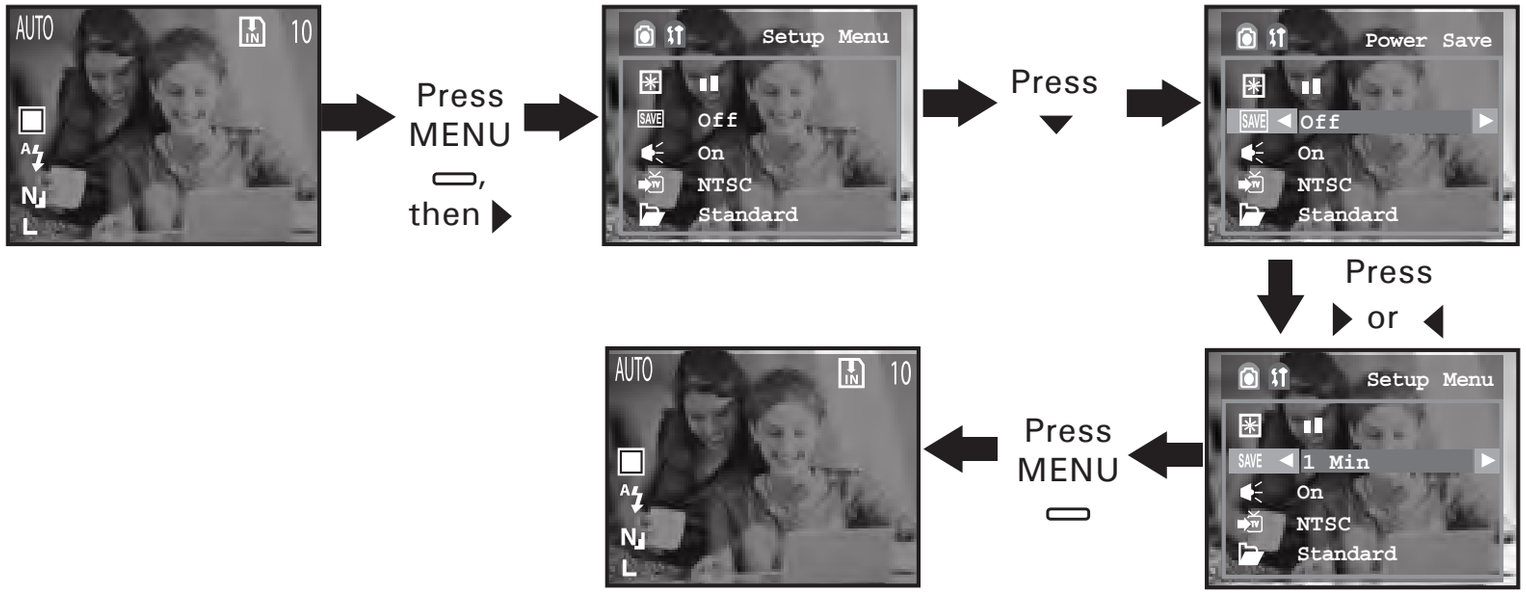
The camera performs the following power save operations to conserve battery power.

1 to 10 minute(s): The camera is designed to switch off automatically to save battery life after one/two/three/four/five/six/seven/eight/nine/ten minute(s) of inactivity.

Off: The power save function is not activated.

You can change the Power save setting according to the following steps:

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the camera in Auto mode.



This setting is also available in A/S/M, Video and Playback modes.

NOTE:

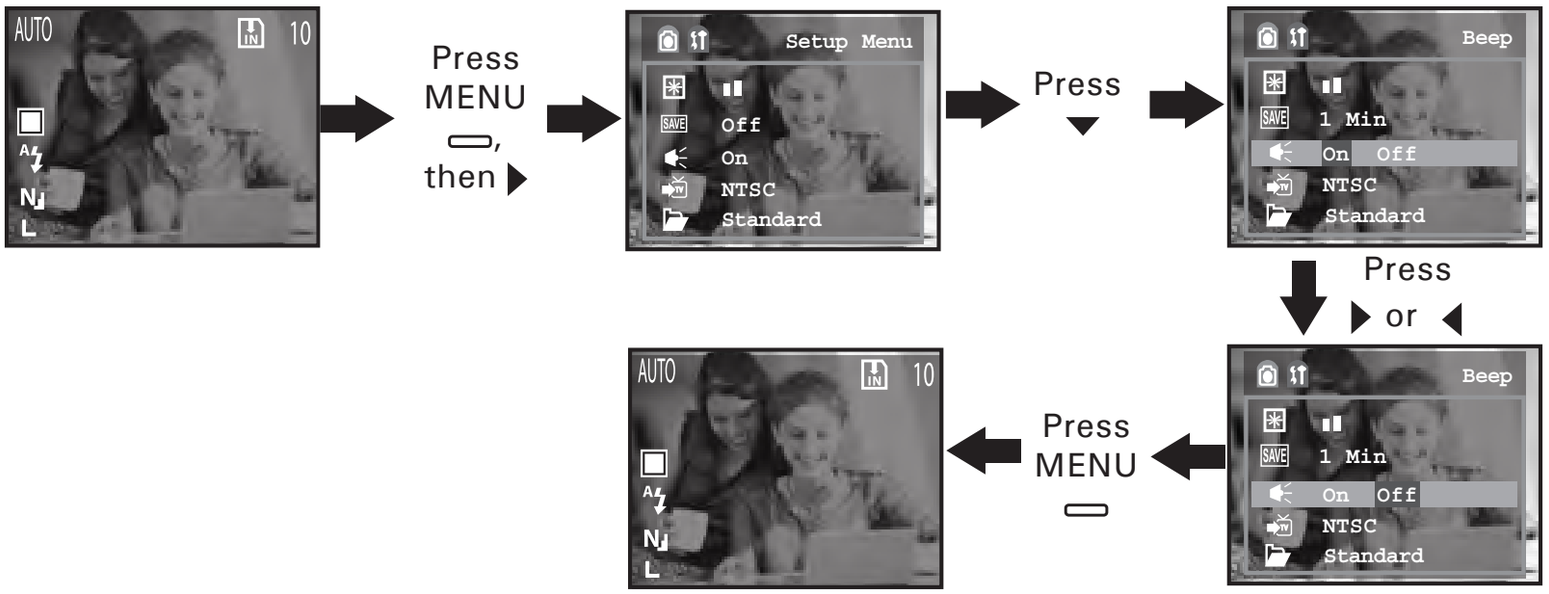
Auto power off is automatically disabled under any one of the following conditions.

- While a slide show is playing.
- While the camera's USB port is connected to a computer or other external devices, or while the camera is being controlled by an external device.
- While the AC adaptor is connected to the camera.

• Setting the Beep Sound On/Off

You can turn the Beep sound on and off under this setting. When the Beep sound is turned on, the camera will beep when you press the buttons.

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the camera in Auto mode.

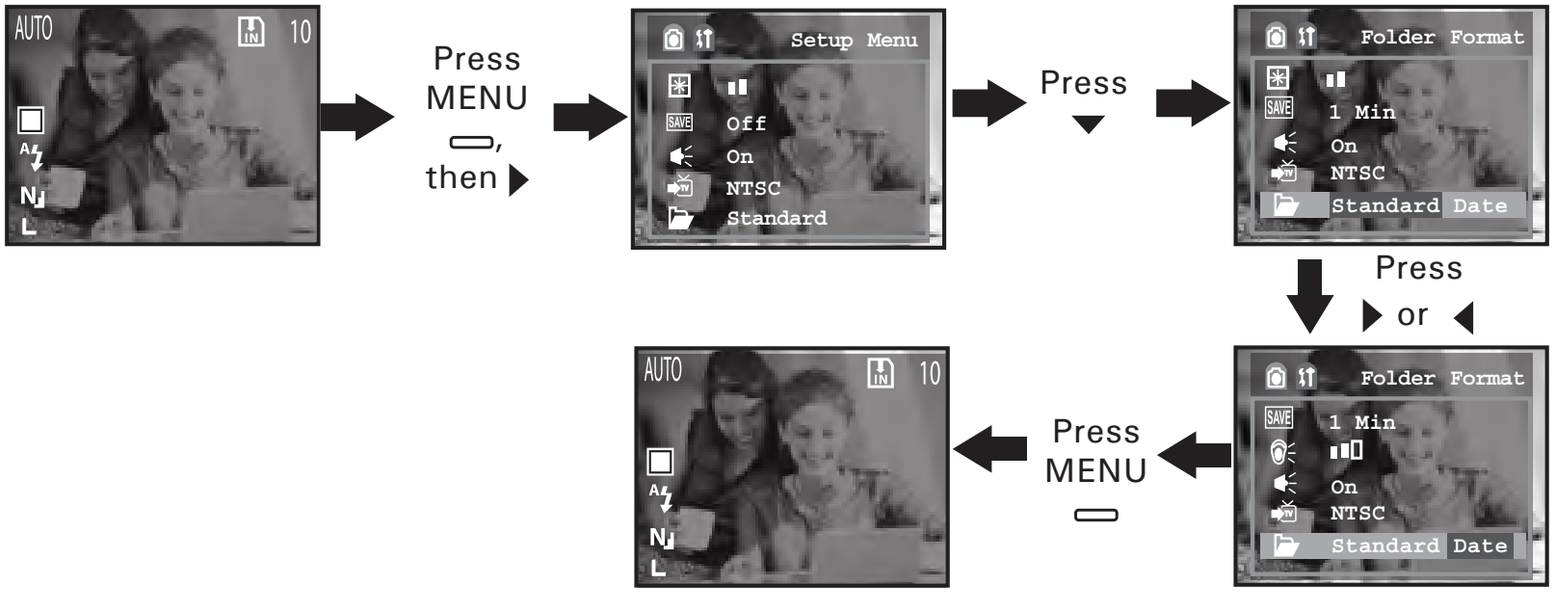


This setting is also available in A/S/M, Video and Playback modes.

• Folder Formatting

Under this setting, a directory of folders storing pictures/video clips in the camera internal memory or a memory card will be named differently according to their formatting modes.

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the camera in Auto mode.



Standard: If this option is selected, the directory folder will be named as “100V5000”.

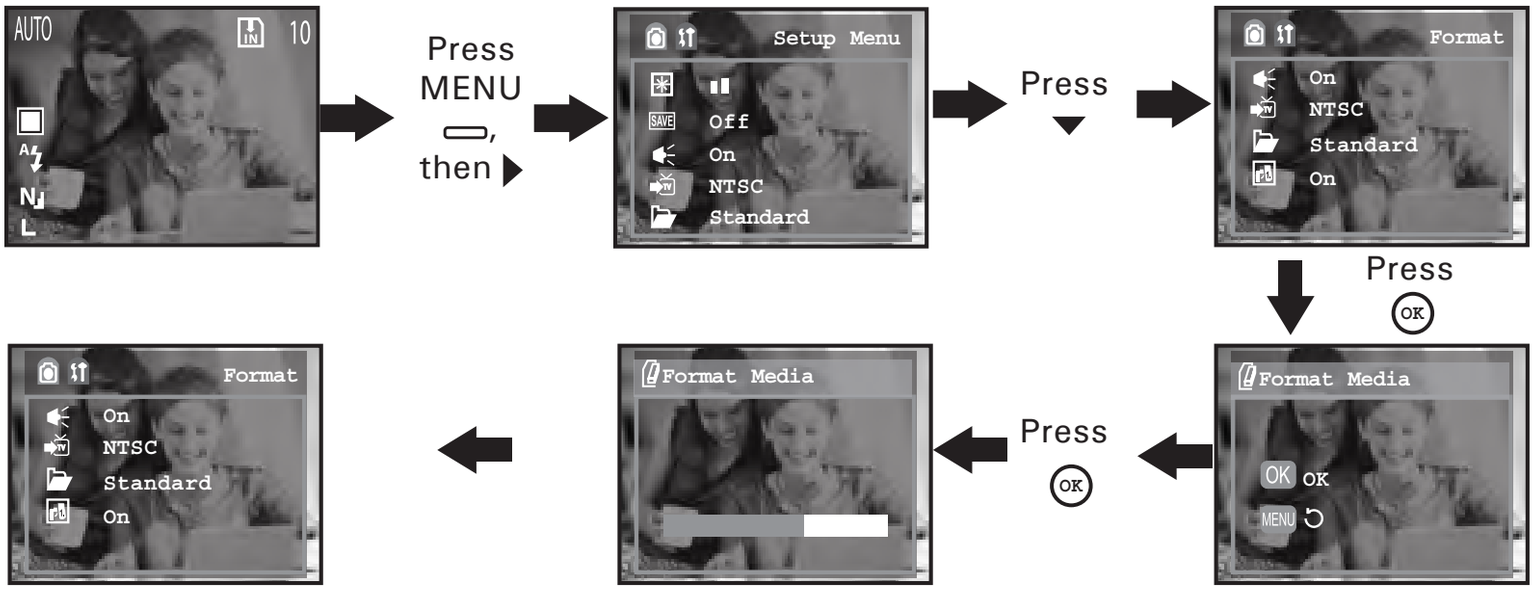
Date: When this option is selected, the directory folder will be named after the current date. For example, today is November 23, 2003. Thus the folder is named “10031123”.

This setting is also available in A/S/M, Video and Playback modes.

• Formatting the Internal Memory

Formatting the internal memory deletes all data already stored in it.

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the camera in Auto mode.



NOTE:

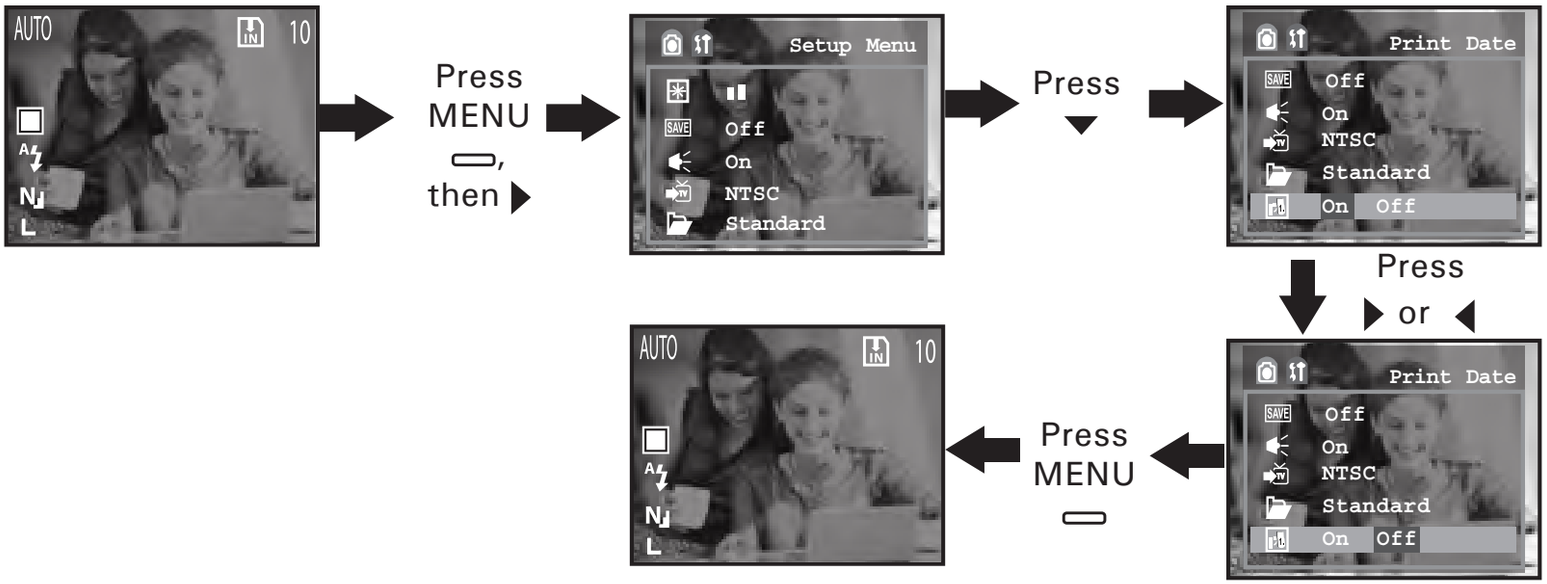
- Data deleted by a format operation cannot be recovered. Make sure you do not have any useful data currently stored in the internal memory before you format it.
- Formatting the internal memory destroys all the pictures, even those are protected.
- With a memory card inserted, the above operation would format the inserted memory card only. The internal memory will not be formatted with a memory card inserted.

This setting is also available in A/S/M, Video and Playback modes.

• Setting Print Date On/Off

This setting enables the picture to show the date the picture was taken.

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the Camera in Auto mode.

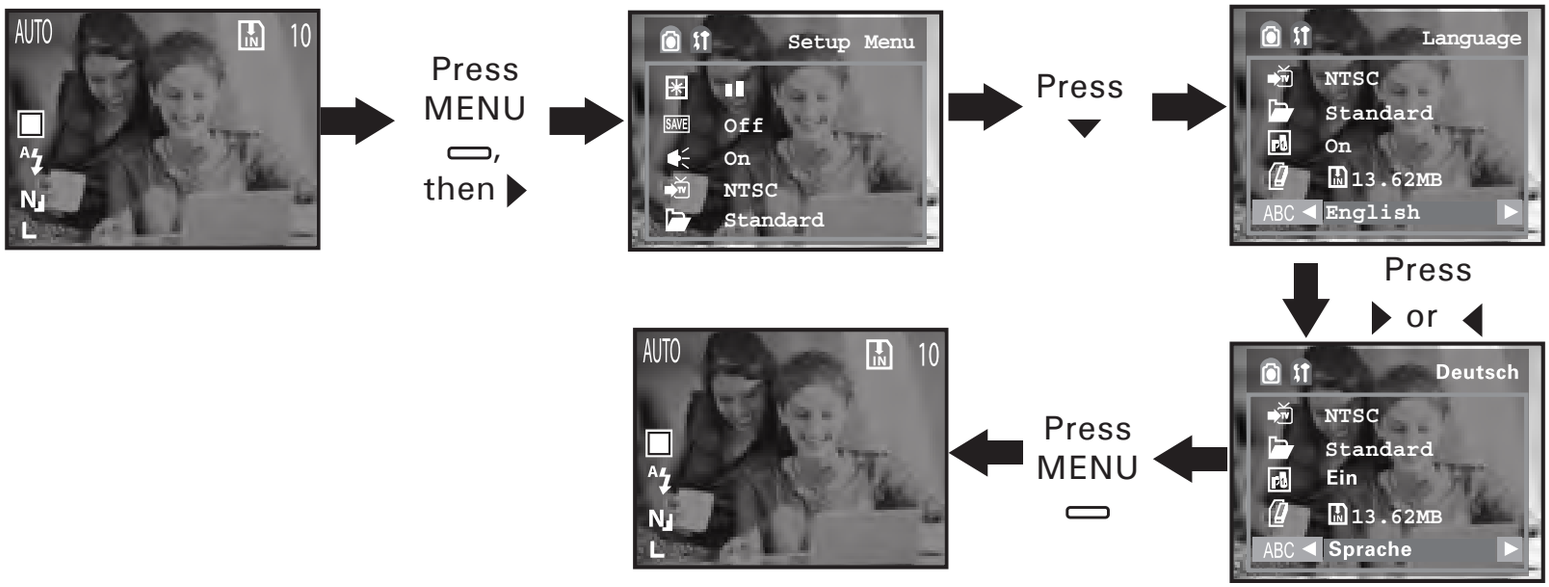


This setting is also available in A/S/M, Video and Playback modes.

• Setting Display Language

Under this setting, you can select the language you prefer for the LCD screen.

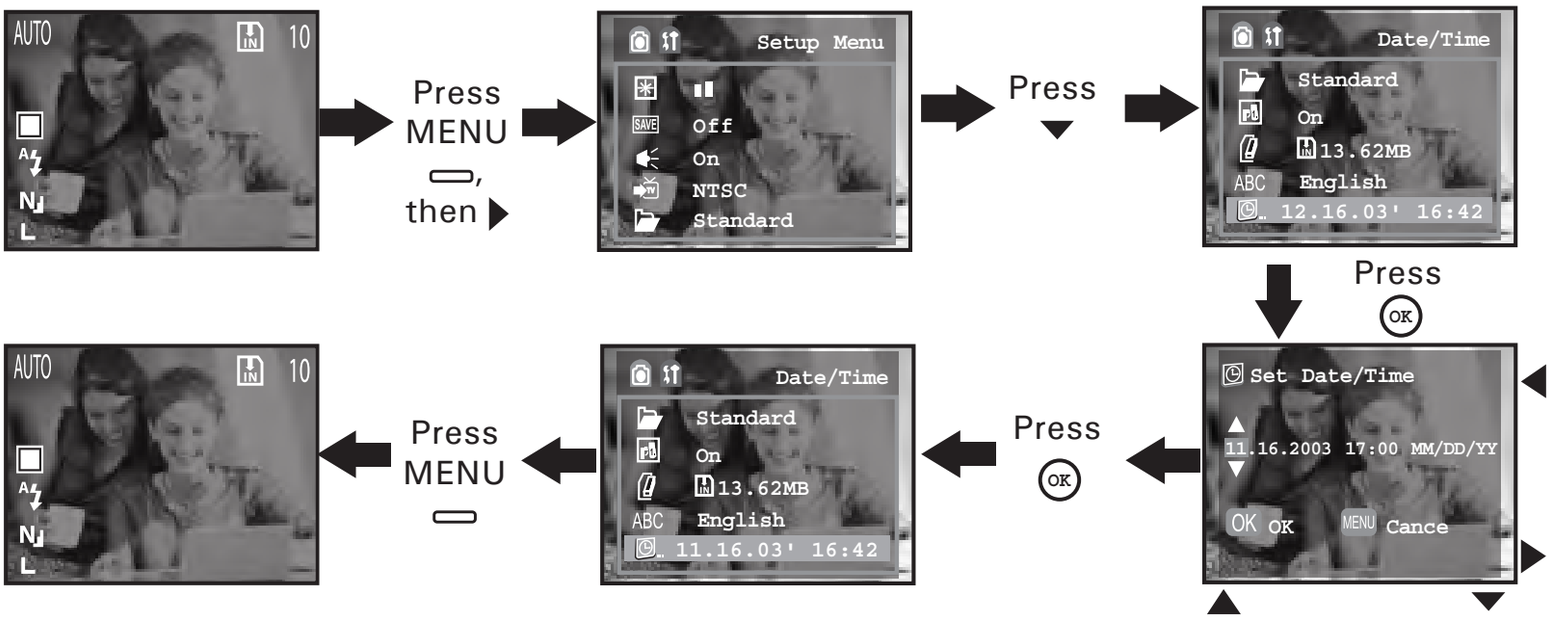
1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the Camera in Auto mode.



This setting is also available in A/S/M, Video and Playback modes.

• Setting the Current Date and Time

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the Camera in Auto mode.

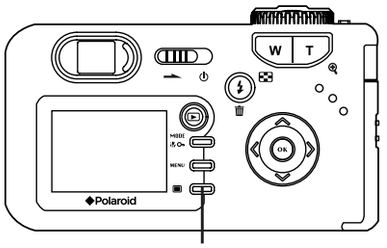


Use the ◀ or ▶ buttons to select a field, such as year, month, day, hour, minute. Use the ▲ or ▼ buttons to adjust the value in the field. Press the OK button after all fields are set.

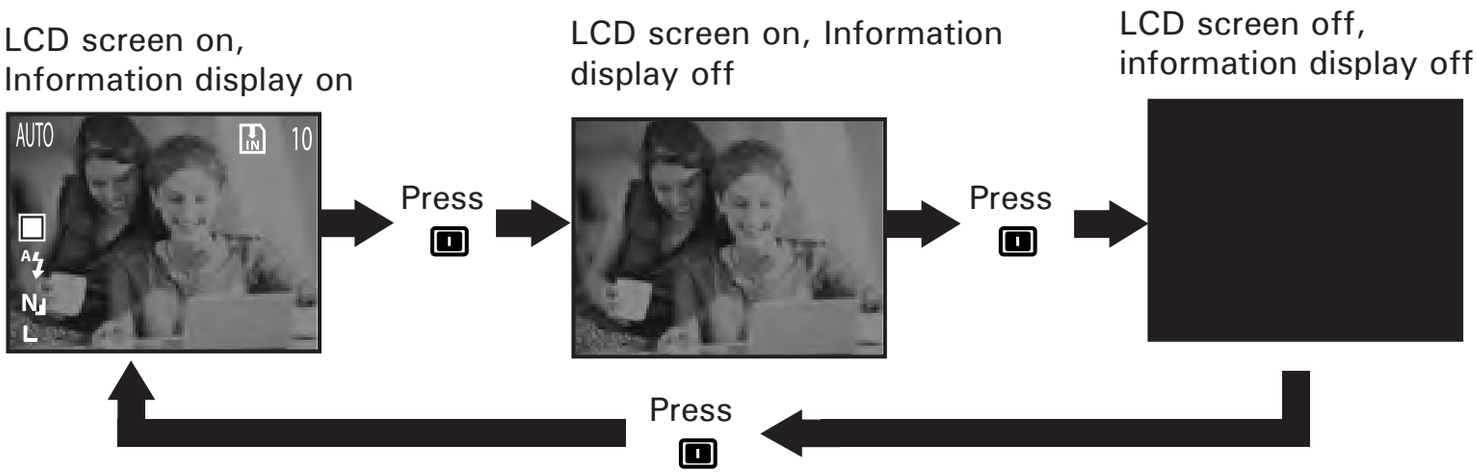
This setting is also available in A/S/M, Video and Playback modes.

• Switching the Information Display/LCD Screen Off

Press the Display button and the feature icons will disappear from the LCD screen. Press the button again and the LCD screen will turn off. You can turn on the information display and the LCD screen by pressing the Display button one more time.



Display button



This feature is only available in Auto, A/S/M and Video modes. In Playback mode, you can turn on and off the information display but can not turn off the LCD screen.

3 Taking and Managing the Pictures

Before you take pictures, please read this note first:

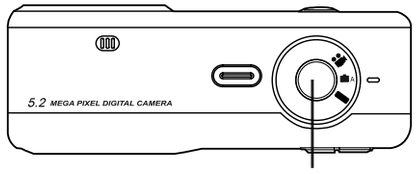
IMPORTANT!

Never remove batteries, disconnect the AC adaptor from the camera, or unplug the adaptor while a picture is being saved. Doing so will prevent the current picture being saved and may corrupt other pictures already stored on the camera's internal memory or on a memory card.

• Taking a Picture in Auto Mode

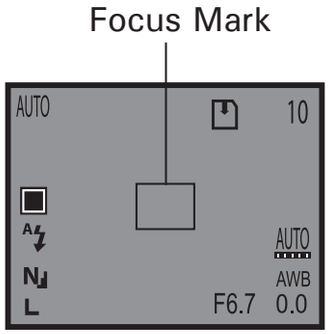
Take a single picture at approximately 18 inches to infinity (45 cm to infinity).

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the Mode dial in Auto mode.
3. Frame your subject using the LCD screen or viewfinder.



Shutter button

4. Align the Focus mark or the optical viewfinder centre on the subject you want to capture. Press the Shutter button halfway to set the exposure and focus. The camera automatically detects the subject and highlights the auto focus mark in blue from one of the five available focus points, which it will use to determine the focus. The Focus LED remains steady, indicating the camera focus is locked on the subject.



NOTE:

- Single picture mode is the default setting.
- The icon will appear when the shutter speed is slow, which reminds you to hold the camera steady or use a tripod.
- The LCD screen will show you the aperture value and the shutter speed at which you take the picture.
- The camera is always ready to take pictures or videos even if you are in the Menu or Playback mode. Pressing the Shutter button half way in either the menu or playback modes will quickly switch the camera to the capture or video mode (depending on where the Mode Dial is set).
- When the Focus LED blinks and the red focus mark appears on the LCD screen (when it is on), there is difficulty in focusing the subject. Release the Shutter button, recompose the scene and press the Shutter button halfway to reset the focus.

5. Hold the camera steady. Press the Shutter button completely down to take a picture.
6. If the Quickview is set to 2 Sec/10Sec, the picture just taken will be shown on the LCD screen (it is turned on) for 2 seconds or 10 second.

The Operation LED and Flash Charge LED (if the Flash is used) will blink, which indicates the camera is processing the picture and is charging the Flash. You can take the next picture only when the Operation LED and Flash Charge LED stop blinking.

• Drive Mode

The camera has four modes in Drive Mode for taking pictures.

- Single Picture
- 2-second Self-timer
- 10-second Self-timer
- Continuous Pictures.

You may press Left or Right button to select Single Picture, 2-second Self-timer, 10-second Self-timer or Continuous Pictures mode in Auto or A/S/M mode.

• Taking a Picture with the LCD Screen Off

You can also take a picture with the LCD screen off. The procedure is the same as above but frame your subject using the Viewfinder instead.

• Setting Flash Mode

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the Camera in Auto or A/S/M mode.
3. Press the Flash button to cycle through the flash settings and select the one you need.

When you press the Flash button, the Flash Charge LED will blink in red, which indicates the flash is charging. The icon (according to the flash setting you selected) will appear on the LCD screen. You can now take pictures using the Flash mode you selected. The flash will recharge after each flash picture.

Flash Range:

- Wide: 2.6 ~ 9 feet (0.8 ~ 2.7 metres)
- Telephoto: 2.6 ~ 6.7 feet (0.8 ~ 2.0 metres)

The camera has six flash modes (default setting is Auto). Use the flash when you take pictures at night, indoors, or outdoors in heavy shadows.

- Auto Flash Mode. The flash fires automatically as needed. Use this setting to take most pictures.
- Flash Mode on. The flash fires for every picture. Use this setting in high-contrast situations to provide fill-light or use it indoors in low light.
- Flash Mode off. The flash does not fire. Use this setting for outdoor pictures or where flash is prohibited or may be distracting. Also use when shooting toward a reflective surface, such as a window or mirror. If you do not have enough light when using this setting, your pictures will be too dark.
- Red-eye reduction. The flash fires automatically as required by the lighting level, and the flash pre-strobes before shooting to reduce red-eye phenomenon.

Slow Sync. The flash strobes regardless of the surrounding brightness. In low light conditions, slow shutter speed provides better lighting of the background that is out of range of the flash.

Slow Red-eye. Combine the red-eye reduction function and slow sync. function.

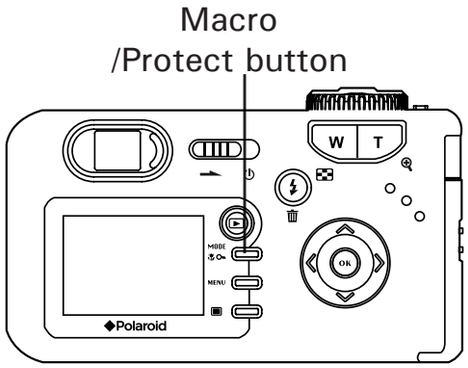
NOTE:

- Flash modes are not available in Playback and Video modes.
- Never touch or block the flash with your fingers. Doing so can soil these components and interfere with the correct flash operation.
- In the Macro mode, the flash is only available in Auto Flash, Flash On and Flash Off modes.

• Taking Macro Pictures

Use this mode to capture subjects this close to the lens: 14 to 22 inches (35 to 55 CM) at the telephoto setting or 6 to 24 inches (15 to 60CM) at the wide angle setting.

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the camera in A/S/M mode.
3. Press Macro/Protect button to activate the Macro mode.



The Macro picture mode will remain after taking a Macro picture. This feature is also available in Auto mode.

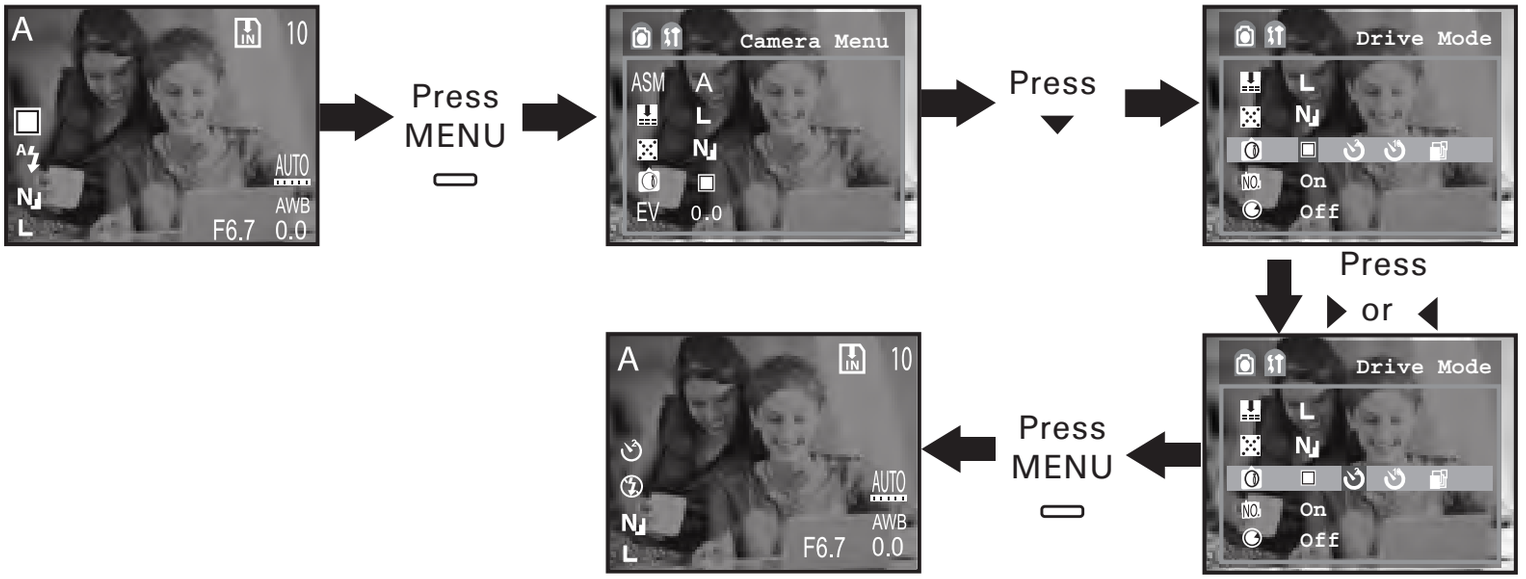
NOTE:

- The flash will turn to the Flash Off mode by default when the Macro mode is activated.
- In the Macro mode, the flash is only available in Auto Flash, Flash On and Flash Off modes.

• Setting Self-timer

Your camera is designed with a self timer function which will allow you to take pictures with the 2 or 10 seconds built-in timer. Please place the camera on flat surface or use a tripod for the Self-timer function.

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the Camera in Auto or A/S/M mode.



2 SEC. Self-timer indicates a countdown of two seconds.

10 SEC. Self-timer indicates a countdown of ten seconds.

3. The icon 3 or 10 will appear on the LCD screen when it is selected.
4. Press the Shutter button to take a picture. The camera starts countdown. When 3 is selected, the Self-timer LED (on the front of the camera) will blink quickly for 8 times before the picture is taken. When 10 is selected, two beep sounds are heard and the Self-timer LED blinks slowly for 7 times and then quickly for another 14 times before the picture is taken.

The Self-timer function will remain available after taking pictures. This setting is also available in Auto mode.

NOTE:

- To return to the Single Image mode, please press the MENU button to enter the Camera Menu and select the Single Image function again.
- Place the camera on a flat surface or use a tripod when using the self-timer function.

• Zoom Feature

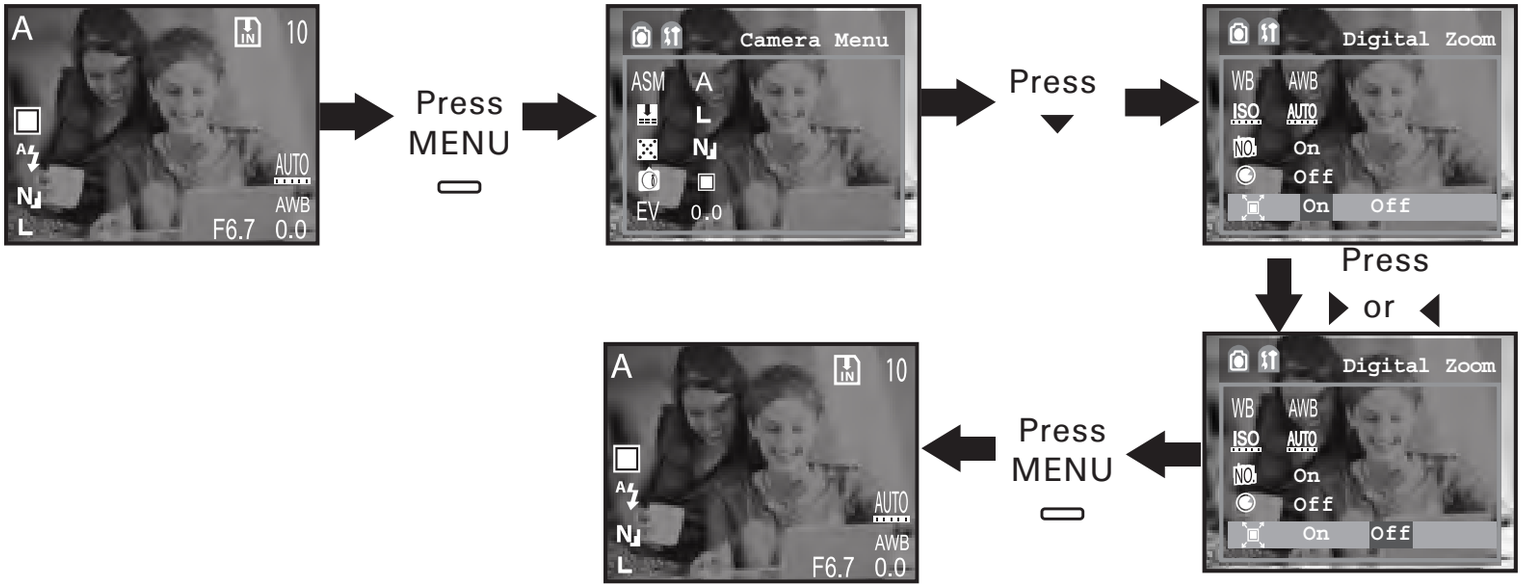
There are two types of zoom in this camera: optical zoom and digital zoom. Optical zoom alters the focal distance of the lens zoom, and its factor range is 1X to 3X. Digital zoom is activated after you reach the maximum optical zoom (3X). It enlarges the part of the image at the centre of the image screen. Digital zoom factor range is 1X to 4X. These zoom features let you zoom in the central area of an image and photograph only the enlarged portion of the picture.

NOTE:

- For the digital zoom feature, the viewfinder does not reflect the actual zoomed image. We recommend the user to use the LCD screen to monitor the zoomed feature.
- Using the digital zoom may cause a decrease in image quality.

Turn Digital Zoom On/Off

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the Camera in A/S/M mode.



This setting is also available in Auto mode.

Zoom In/Out the Picture

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the camera in Auto, A/S/M or Playback mode.
3. Press the Zoom in/out button to zoom in/out the subject. The camera switches from optical zoom to digital zoom when it reaches the maximum optical zoom, where it stops momentarily. Keep pressing the Zoom In button and the zoom will switch over to digital zoom.
4. Now you can takes pictures and playback them under the zoom setting you just made. The zoom setting will remain after taking pictures. If you want to take a normal size picture, please use the Zoom Out button.

NOTE:

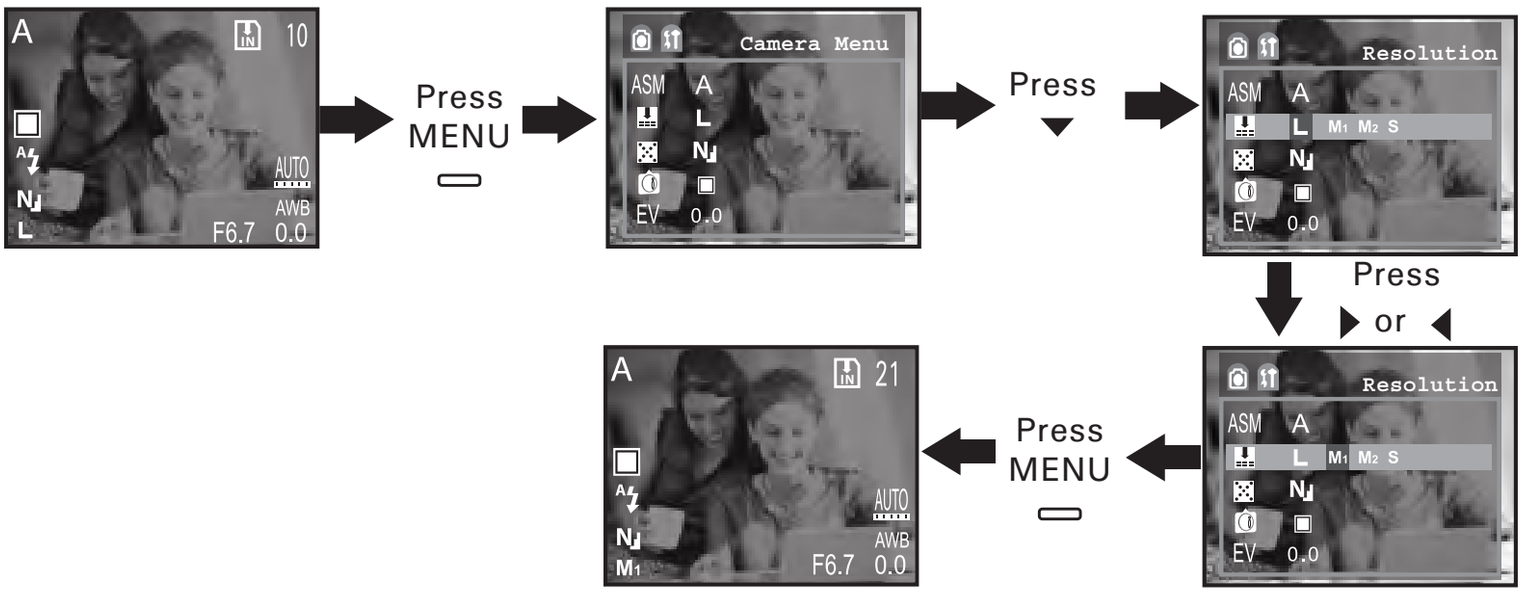
- Zoom feature is not available in Macro and Video modes.
- Digital zoom feature is not available when you set the camera in Playback mode or turn Digital Zoom off.

• Setting the Picture Resolution and Quality

Picture resolution refers to the number of pixels in a digital picture. Picture quality depends on the JPEG file compression that the camera applies when the picture is taken. Higher resolution and less compression make better quality which occupies more memory space. Smaller size pictures and normal quality are easier to email while larger size and fine quality are better for printing.

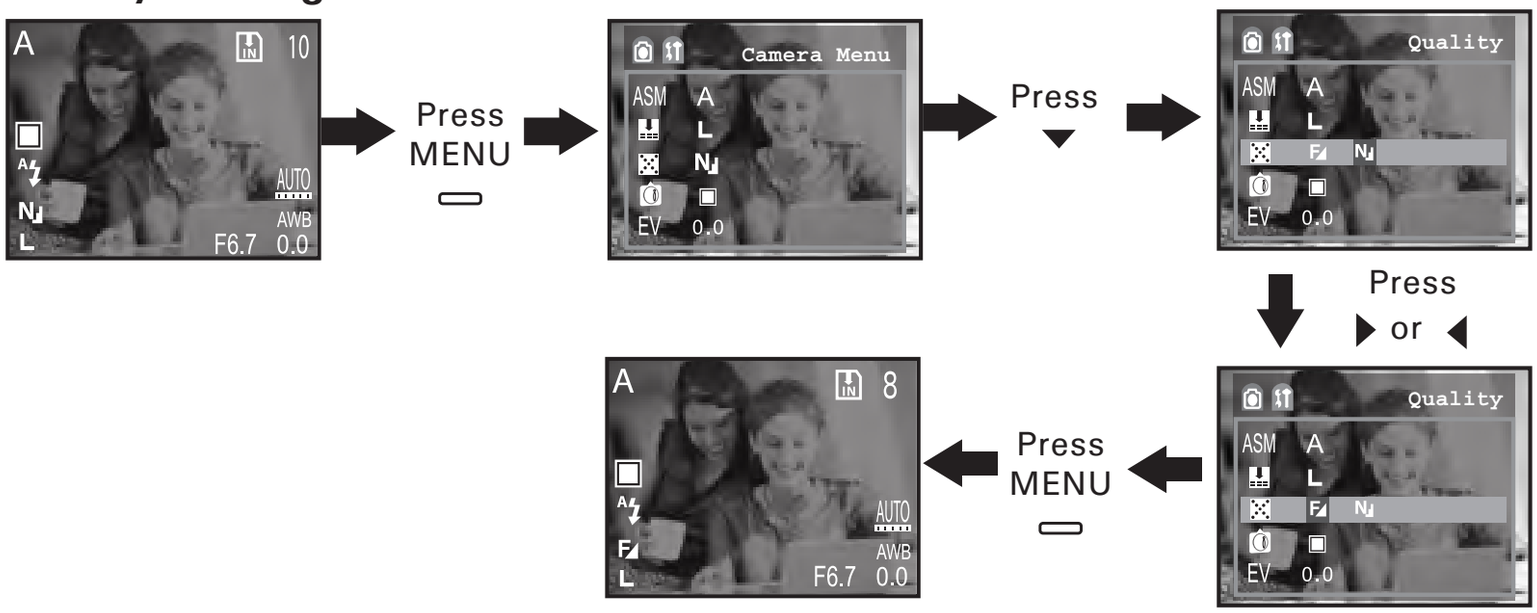
Resolution Setting

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the Camera in the Auto or A/S/M mode.



NOTE:
This setting is available in both the Auto and A/S/M modes.

Quality Setting:



Here are the approximate numbers of pictures you can expect the camera to hold at different resolution and quality settings based on the 16MB internal memory. You can expand the memory with SD card, please refer to "**Capacity of SD Card**" on page 76 for further detail.

Resolution: L 2560 X 1920	Fine:	Approx. 8 pictures
	Normal:	Approx. 11 pictures
Resolution: M1 2048 X 1536	Fine:	Approx. 16 pictures
	Normal:	Approx. 23 pictures
Resolution: M2 1280 X 960	Fine:	Approx. 40 pictures
	Normal:	Approx. 48 pictures
Resolution: S 640 X 480	Fine:	Approx. 129 pictures
	Normal:	Approx. 160 pictures

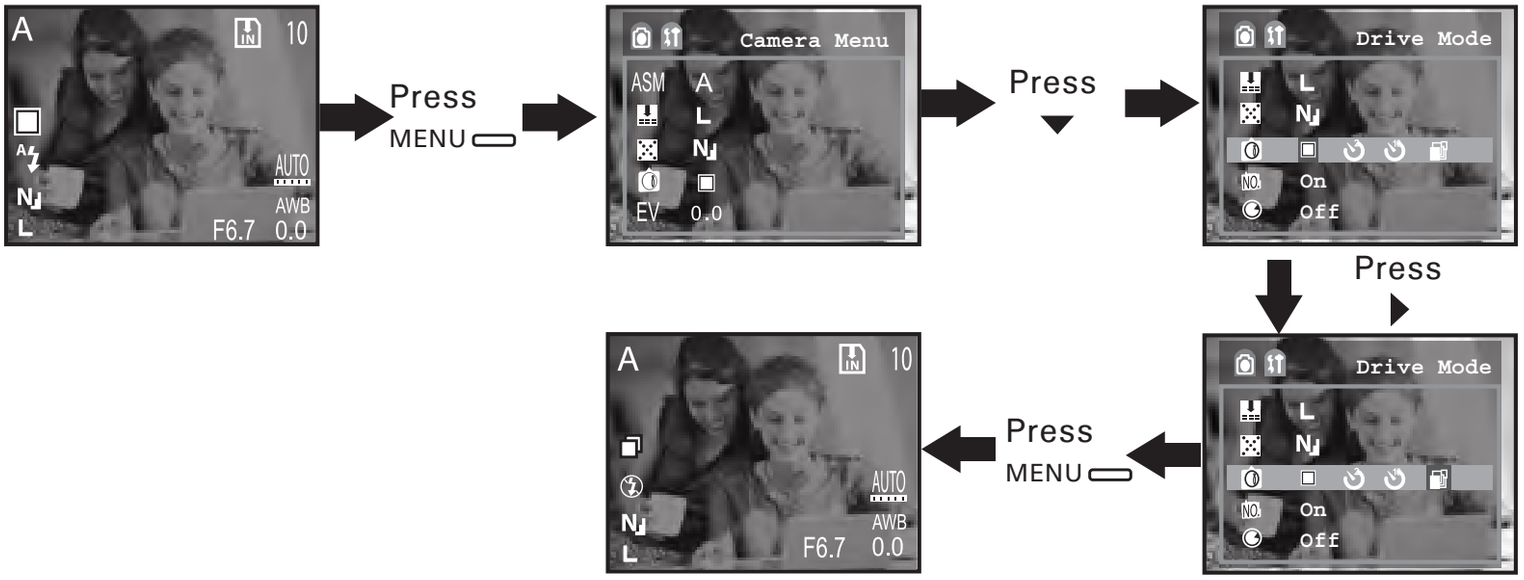
NOTE:

- Scene complexity affects a picture's file size. For example, a picture of trees in autumn has a larger file size than a picture of blue sky at the same resolution and quality setting. Therefore, the number of pictures you can store on the camera internal memory or a memory card may vary. The number of pictures on the LCD screen is for reference only.
- Use the 2560 X 1920 resolution for printing pictures.
- This setting is available in both the Auto and A/S/M modes.

• Taking Continuous Pictures

Continuous pictures mode lets you take up to 5 pictures in quick succession.

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the camera in A/S/M mode.



The flash will turn to the Flash Off mode by default after you activate this mode. The Continuous pictures mode will remain after taking the pictures.

NOTE:

- The number of continuous pictures you can take depends on the memory available and resolution setting.
- This setting is available in both the Auto and A/S/M modes.

• File No. Reset Settings

The camera automatically created a directory of folders in its internal memory or on a memory card to store pictures/video clips. Each folder can hold up to 999 pictures. If a picture is taken when the current folder contains a picture file numbered 0999. Your camera will create a new folder by adding one to the current folder number. In the new folder, the picture file numbering starts over from 0001. (For example, if the current folder is “100V5000”, the new folder will be “101V5000”). The maximum folder number is 999.

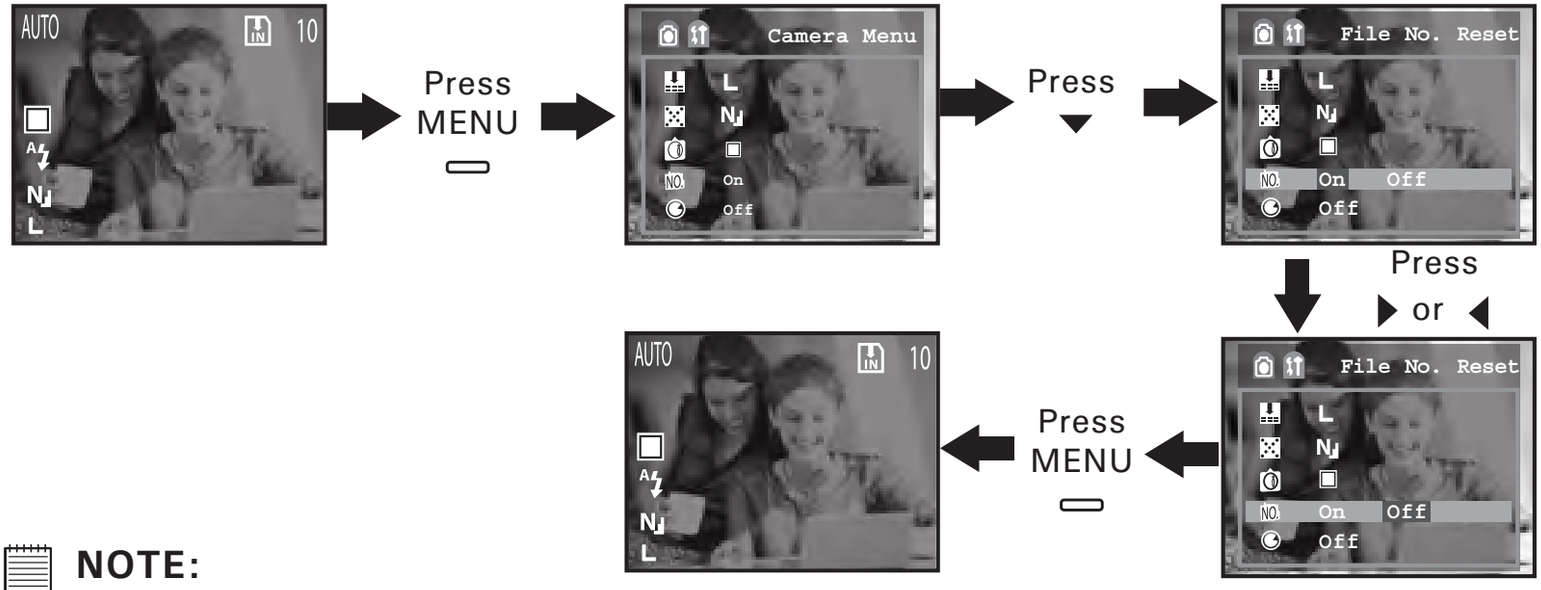
For example: 100-0011

Number of pictures taken and stored in 100V5000 folder

Folder number (e.g.100V5000)

You can set the File no. Reset to On or Off according to the following steps:

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the Camera in Auto mode.



NOTE:

- This setting is not available in Playback mode.
- This setting is available in both the Auto and A/S/M modes.

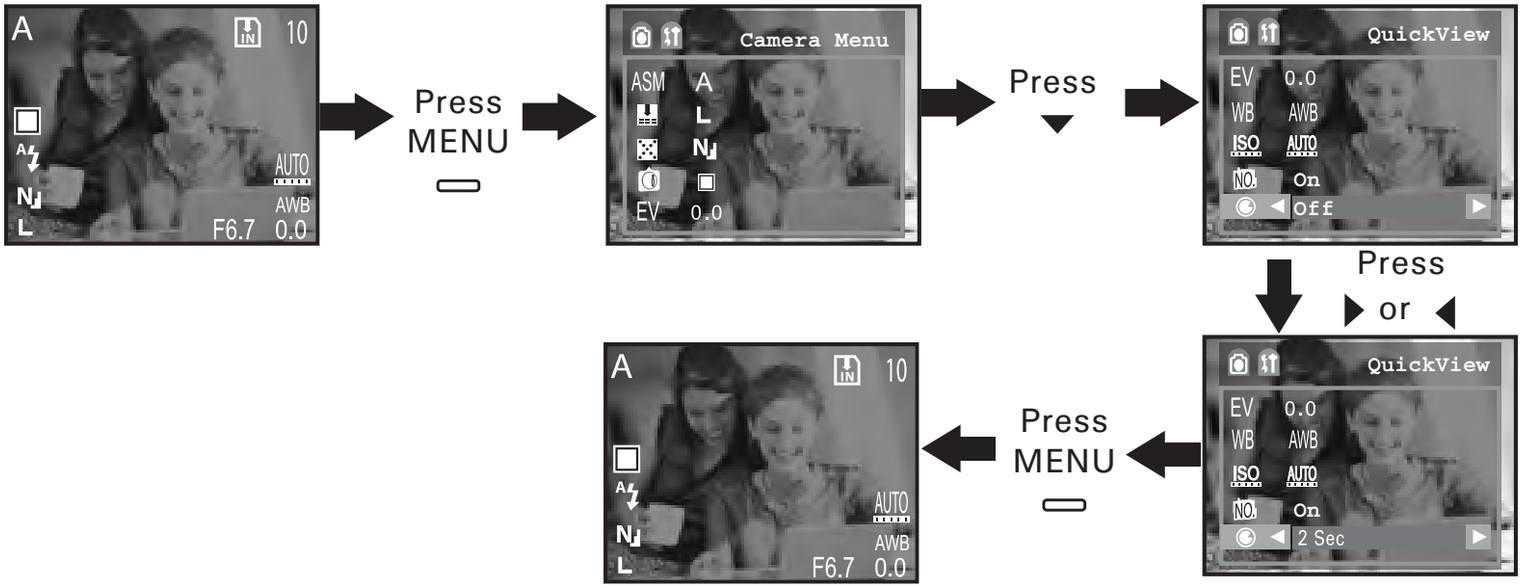
ON: When this option is selected, if the memory card is formatted or a new card is inserted in the camera, the picture file number starts from 0001.

OFF: When this option is selected, if the memory card is formatted or a new card is inserted in the camera, the picture file number will continue from the last number used.

• Setting Quick View

Under this setting, you can take a quick view at the picture just taken for 2 seconds or 10 seconds.

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the Camera in A/S/M mode.



NOTE:
This setting is available in both the Auto and A/S/M modes.

• Taking a Picture in A/S/M Mode

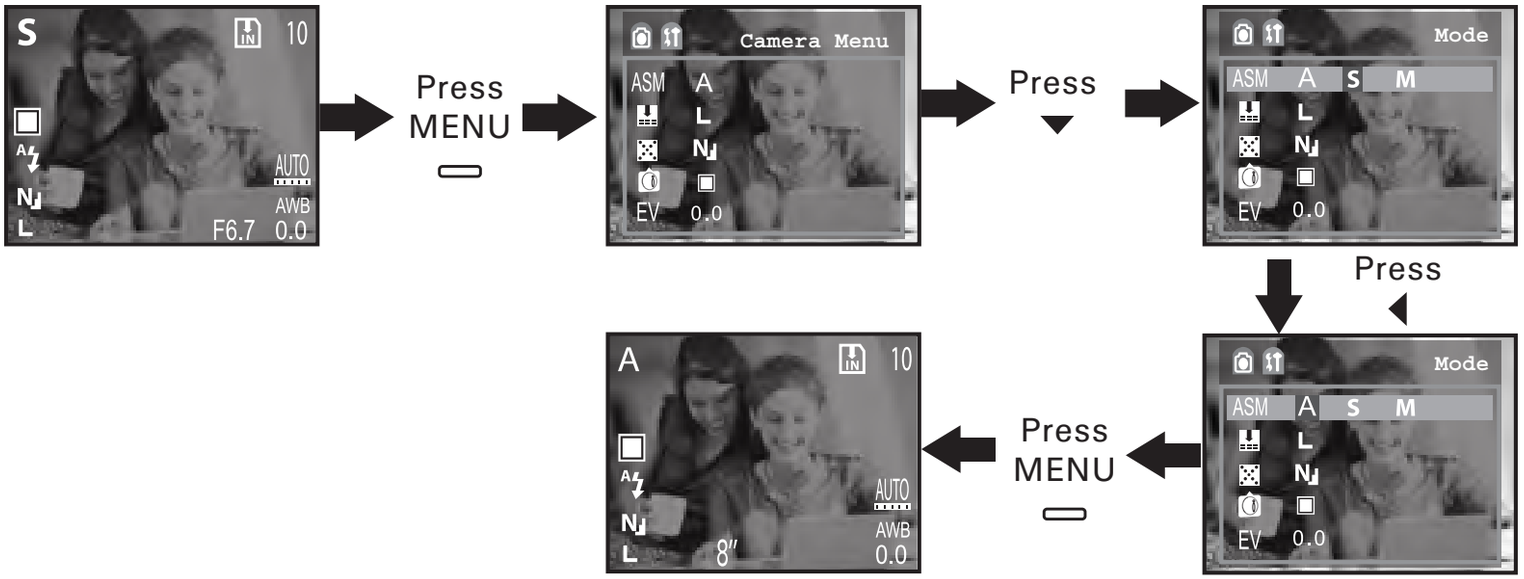
In A/S/M mode, you may choose aperture priority or shutter priority, or manually adjusting aperture value and shutter speed for special effect creation.

Taking a Picture in Aperture Priority (A) Mode

Aperture priority is the ability to set the aperture over its full range and have the camera calculate the best shutter speed to expose the image correctly. When you set the aperture in the aperture-priority mode, the camera automatically selects a shutter speed to match the brightness. Select a lower aperture value (opening the aperture) allows you to fade the background and create a beautiful portrait. A higher aperture value (closing it) brings the entire range from foreground to background into focus.

You can set the camera to A mode and take a picture by the following steps:

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the camera in A/S/M mode.



3. Frame your subject using the LCD screen or viewfinder.
4. Align the Focus mark or the optical viewfinder centre on the subject you want to capture. Press the Shutter button halfway to set the exposure and focus. The camera automatically detects the subject and highlights the auto focus mark in blue from one of the five available focus points, which it will use to determine the focus. The Focus LED remains steady, indicating the camera focus is locked on the subject.

NOTE:

- You may adjust the aperture value in different optical and digital zoom factors.
- The icon will appear when the shutter speed is slow, which reminds you to hold the camera steady or use a tripod.
- The LCD screen will show you the aperture value and the shutter speed at which you take the picture.
- The camera highlights the shutter speed value in red if the aperture value is not suitable for taking a picture. If this happens, release your finger and adjust the aperture value by pressing Left/Right button. Recompose the scene and press the Shutter button halfway to reset the focus.
- When the Focus LED blinks and the red focus mark appears on the LCD screen (when it is on), there is difficulty in focusing the subject. Release the Shutter button, recompose the scene and press the Shutter button halfway to reset the focus.

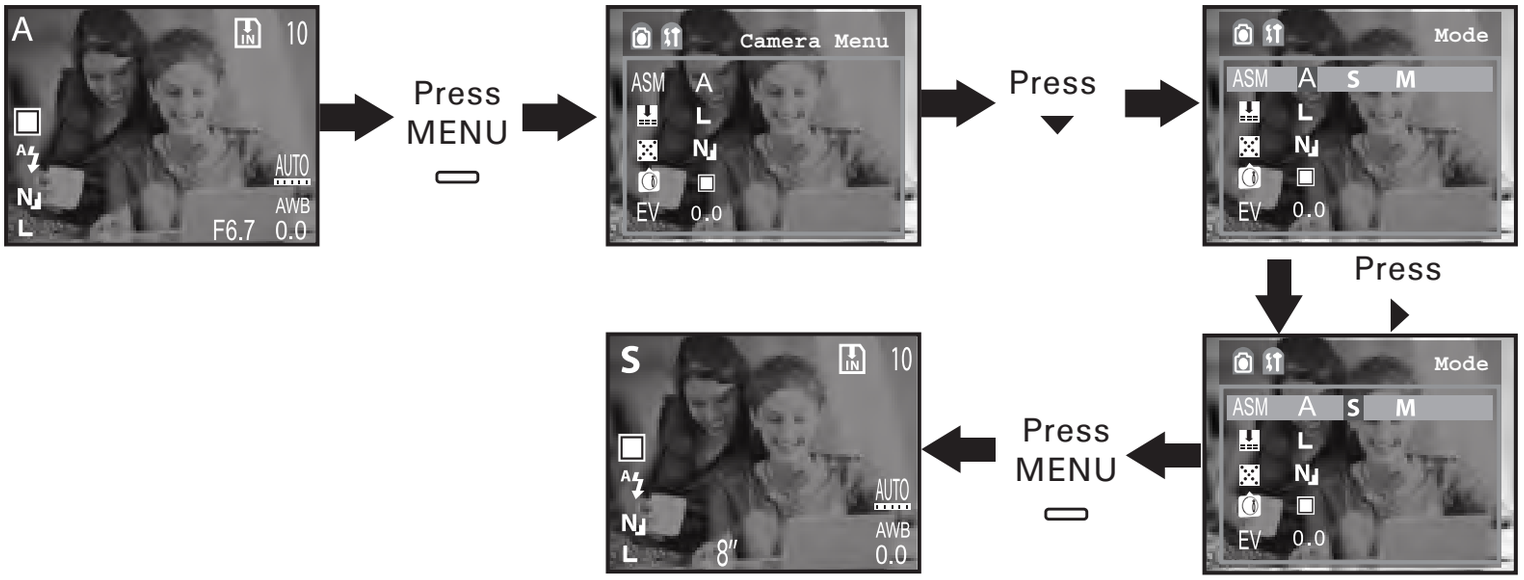
5. Hold the camera steady. Press the Shutter button completely down to take a picture.

Taking a Picture in Shutter Priority (S) Mode

Shutter priority is the ability to set the shutter speed over its full range and have the camera calculate the best aperture to expose the image correctly. When you set the shutter speed in the shutter speed-priority mode, the camera automatically selects an aperture value to match the brightness. Faster shutter speeds allow you to catch an instantaneous image of a moving subject while slower speeds create a flowing effect and allow you to shoot without a flash in dark areas.

You can set the camera to S mode and take a picture by the following steps:

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the camera in A/S/M mode.



3. Frame your subject using the LCD screen or viewfinder.
4. Align the Focus mark or the optical viewfinder centre on the subject you want to capture. Press the Shutter button halfway to set the exposure and focus. The camera automatically detects the subject and highlights the auto focus mark in blue from one of the five available focus points, which it will use to determine the focus. The Focus LED remains steady, indicating the camera focus is locked on the subject.

NOTE:

- Make sure to use slow shutter speeds when the environment is too dark.
- The icon will appear when the shutter speed is slow, which reminds you to hold the camera steady or use a tripod.
- The LCD screen will show you the aperture value and the shutter speed at which you take the picture.
- The camera highlights the aperture value in red if the shutter speed is not suitable for taking a picture. If this happens, release your finger and adjust the aperture value by pressing Left/Right button. Recompose the scene and press the Shutter button halfway to reset the focus.
- When the Focus LED blinks and the red focus mark appears on the LCD screen (when it is on), there is difficulty in focusing the subject. Release the Shutter button, recompose the scene and press the Shutter button halfway to reset the focus.

5. Hold the camera steady. Press the Shutter button completely down to take a picture.

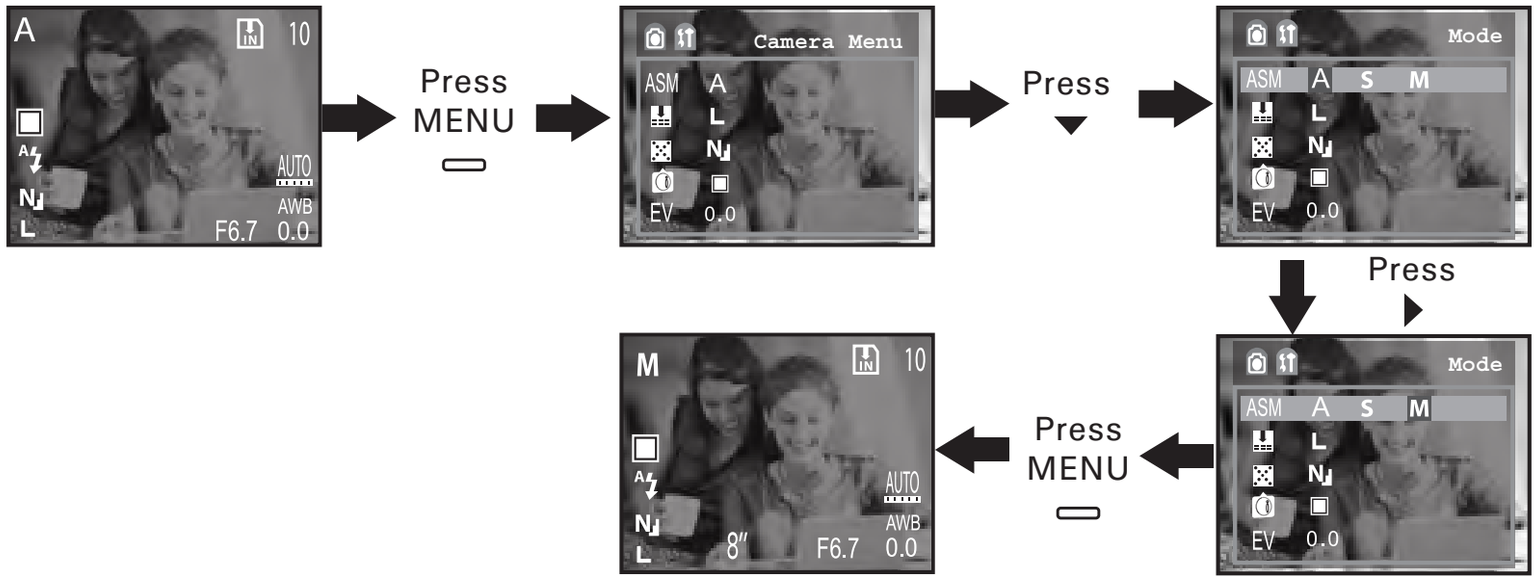
To avoid blurry pictures, place the camera on a flat, steady surface or use a tripod. We recommend the user to use a tripod to keep the camera steady for slow shutter speeds.

Taking a Picture in Manual Setting (M) Mode

You can manually set the shutter speed and aperture to achieve a particular effect. This is convenient for shooting fireworks and other images where it is difficult to set the correct exposure automatically.

You can set the camera to M mode and take a picture by the following steps:

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the camera in A/S/M mode.



3. Frame your subject using the LCD screen or viewfinder.
4. Align the Focus mark or the optical viewfinder centre on the subject you want to capture. Press the Shutter button halfway to set the exposure and focus. The camera automatically detects the subject and highlights the auto focus mark in blue from one of the five available focus points, which it will use to determine the focus. The Focus LED remains steady, indicating the camera focus is locked on the subject.

NOTE:

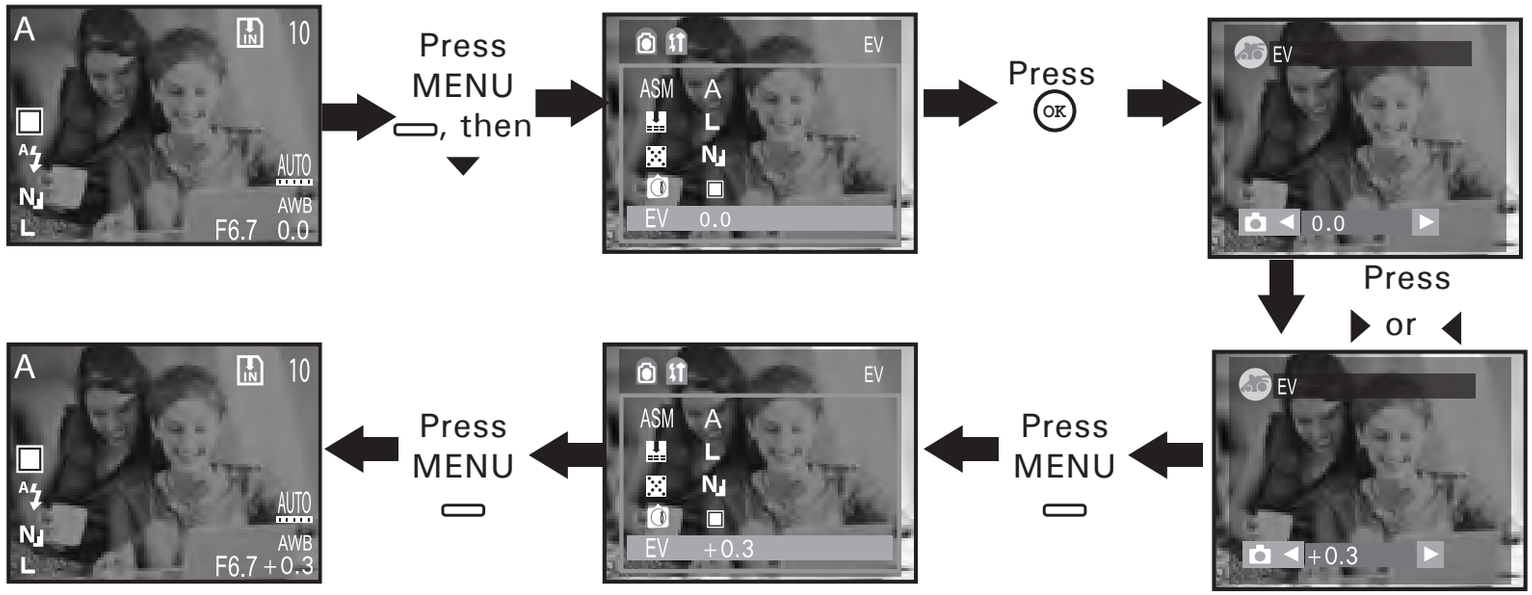
- The icon will appear when the shutter speed is slow, which reminds you to hold the camera steady or use a tripod.
- The LCD screen will show you the aperture value and the shutter speed at which you take the picture.
- The camera highlights both the aperture value and the shutter speed in red if they are not suitable for taking a picture. If this happens, release your finger, press Down button to select the aperture value field or the shutter speed field, and press Left/Right button to adjust the aperture value and shutter speed respectively. Recompose the scene and press the Shutter button halfway to reset the focus.
- When the Focus LED blinks and the red focus mark appears on the LCD screen (when it is on), there is difficulty in focusing the subject. Release the Shutter button, recompose the scene and press the Shutter button halfway to reset the focus.

5. Hold the camera steady. Press the Shutter button completely down to take a picture.

• Setting Exposure Compensation

You can adjust the exposure compensation value (EV) within the range of -2EV to +2EV in order to compensate for current lighting conditions. This setting can be used to obtain better result when shooting with backlighting, indirect indoor lighting, a dark background, etc.

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the Camera in A/S/M mode.



You can also adjust EV in the A/S/M mode by pressing the OK button to select the A, S or M mode and then pressing the OK button again. Press the Left and Right buttons to adjust EV and then press the Menu button to confirm your choice.

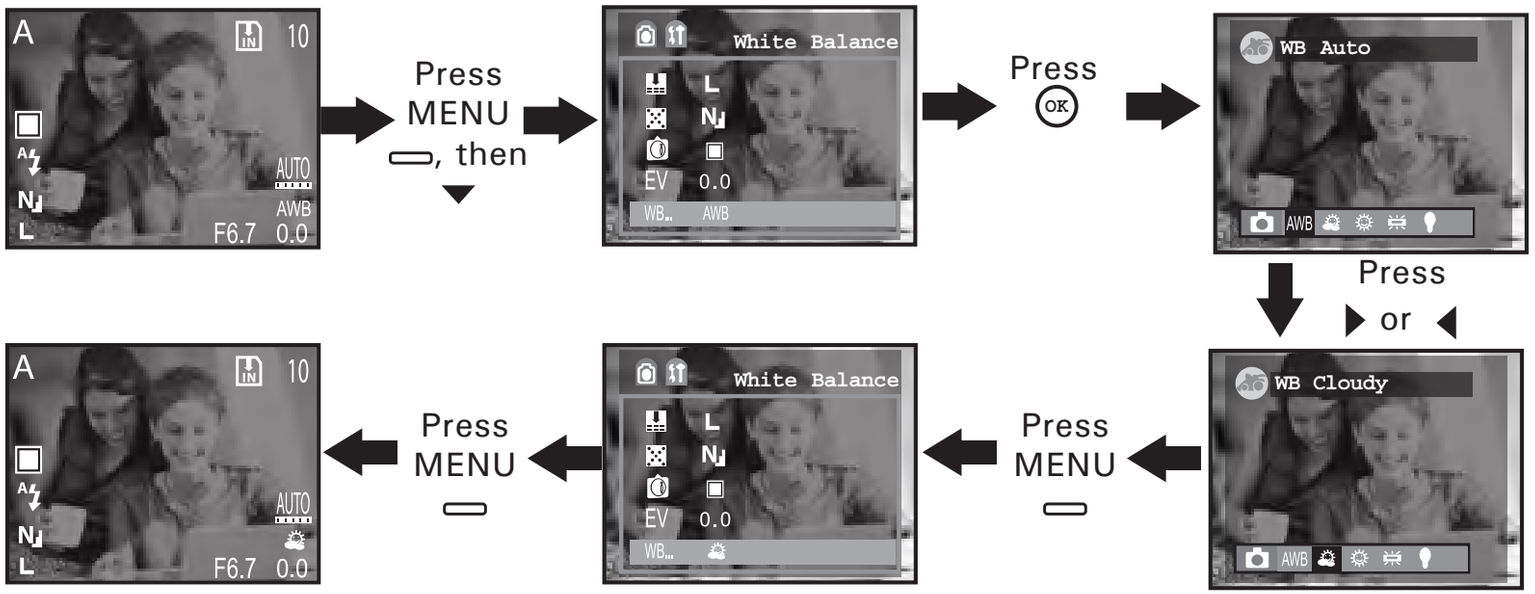
NOTE:

- A higher EV value is best used for light-coloured subjects and backlit subjects. A lower EV value is best for dark-coloured subjects and for shooting outdoors on a clear day.
- When shooting under very dark or very bright conditions, you may not be able to obtain satisfactory results even after performing exposure compensation.

• Setting White Balance

Selecting the right type of white balance can help to make the colours of a subject appear more natural under the type of lighting that is available.

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the Camera in A/S/M mode.



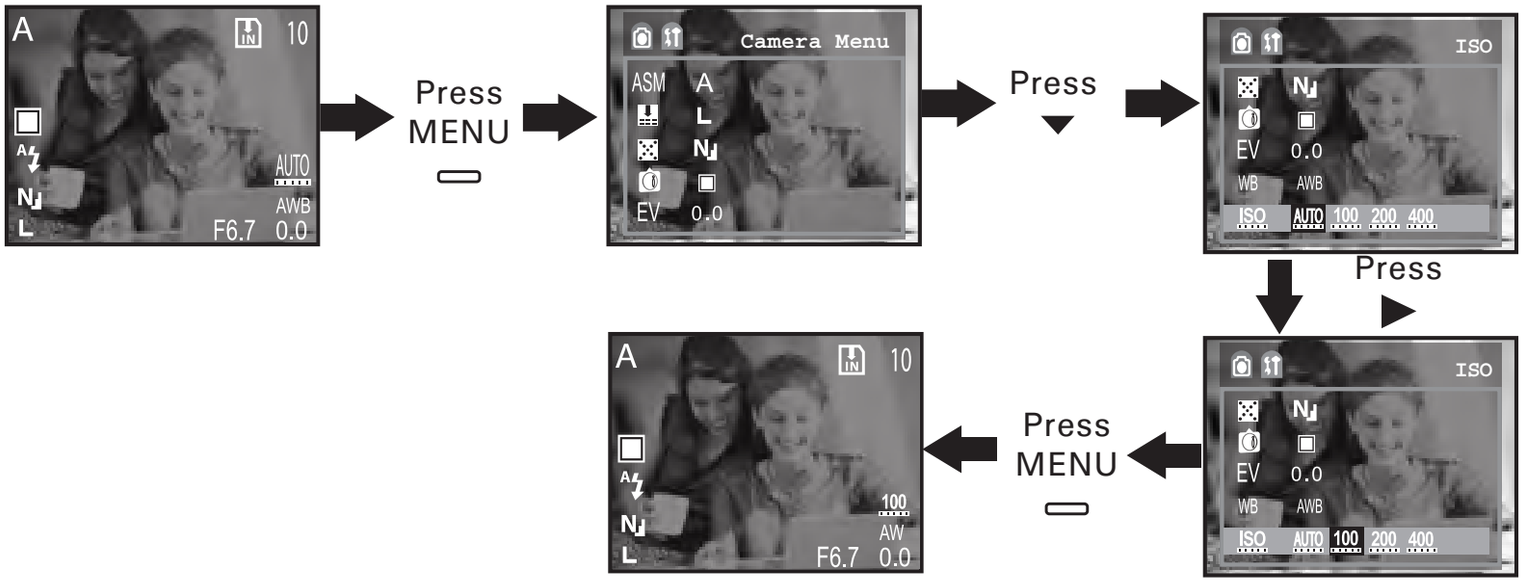
When shooting under these conditions:	Select this setting
Normal conditions (Camera adjusts white balance automatically.)	AUTO
Outdoor daylight	
Cloudy	
Indoors, illuminated by light bulbs	
Indoors, illuminated by fluorescent lighting	

• Changing the ISO Speed

This function enables you to change the camera's sensitivity to light by selecting different ISO values. ISO is a measure of how quickly your camera reacts to light. The higher the ISO value, the less the light needed to make an exposure, allowing the same exposure to be achieved with higher shutter speeds or smaller apertures. In a digital camera, higher ISO value allows higher shutter speed, at the expense of mottled or grain appearing in the final picture.

You can change the ISO value according to the following steps:

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the Camera in A/S/M mode.



100/200/400: In the same lighting condition, the higher ISO value is, the faster the shutter speed will be.

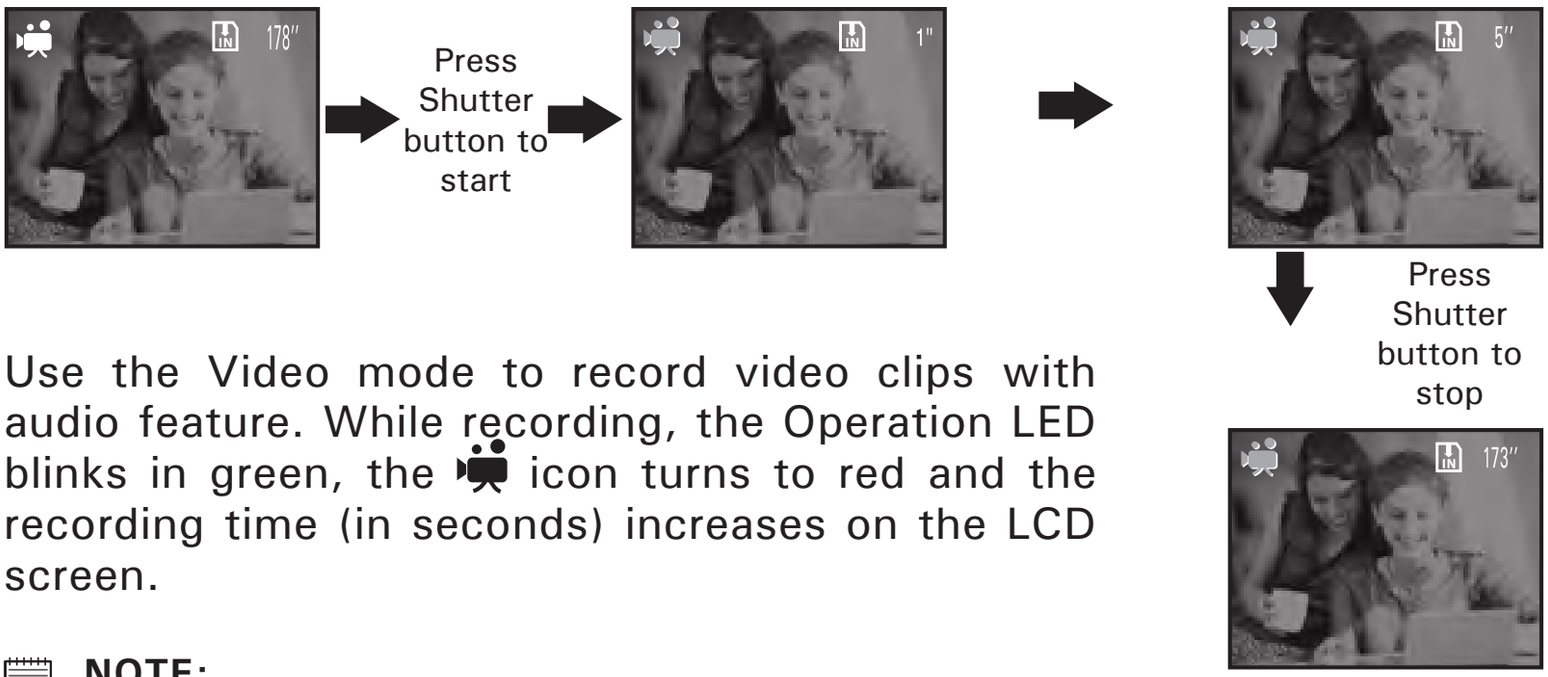
Auto: The camera's sensitivity is automatically changed by different lighting value or subject brightness.

The ISO value appears on the LCD screen when ISO setting is activated.

4 Recording Video Clips

• Recording Video Clips

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the Camera in Video mode.



Use the Video mode to record video clips with audio feature. While recording, the Operation LED blinks in green, the icon turns to red and the recording time (in seconds) increases on the LCD screen.

NOTE:

- Zoom feature is not available while recording a video clip.
- Video clips are recorded in MPEG-4 format.

• Setting Video Resolution and Quality

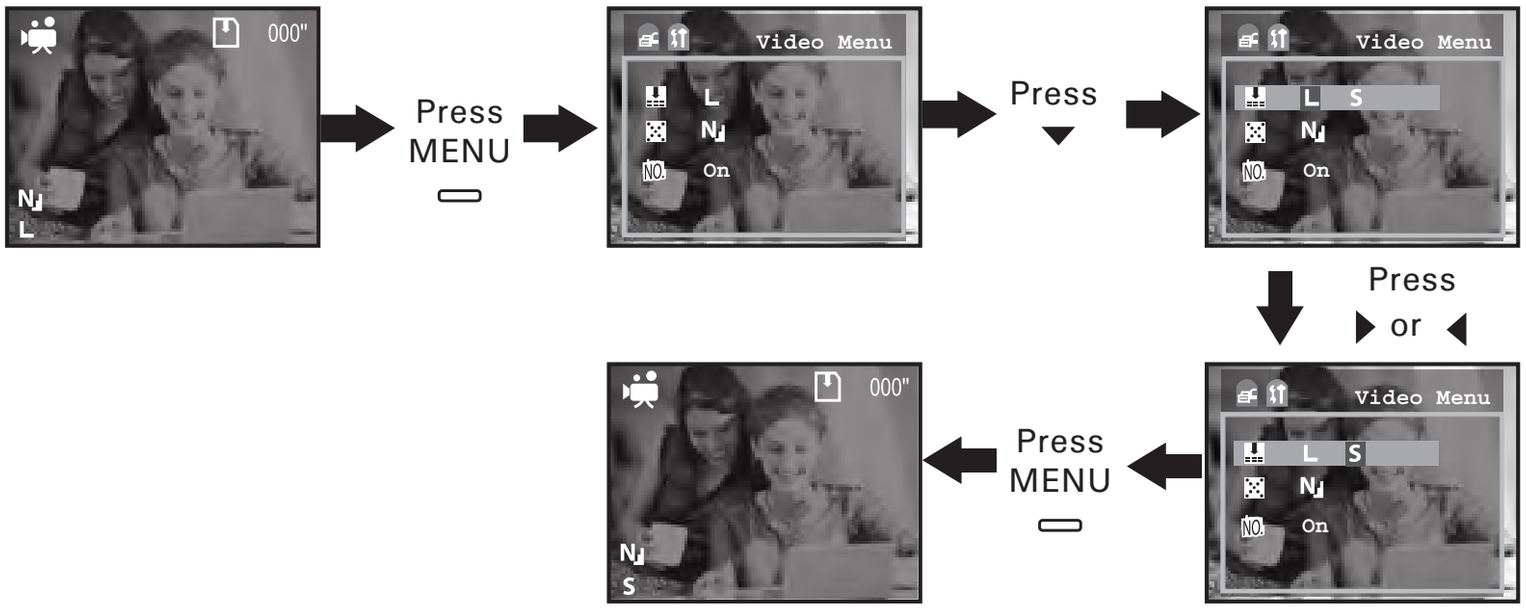
Video resolution refers to the number of pixels in a digital video clip. Video clip quality depends on the file resolution that the camera applies when the video clip is recorded. Higher resolution makes better quality which occupies more memory space.

Setting Video Resolution

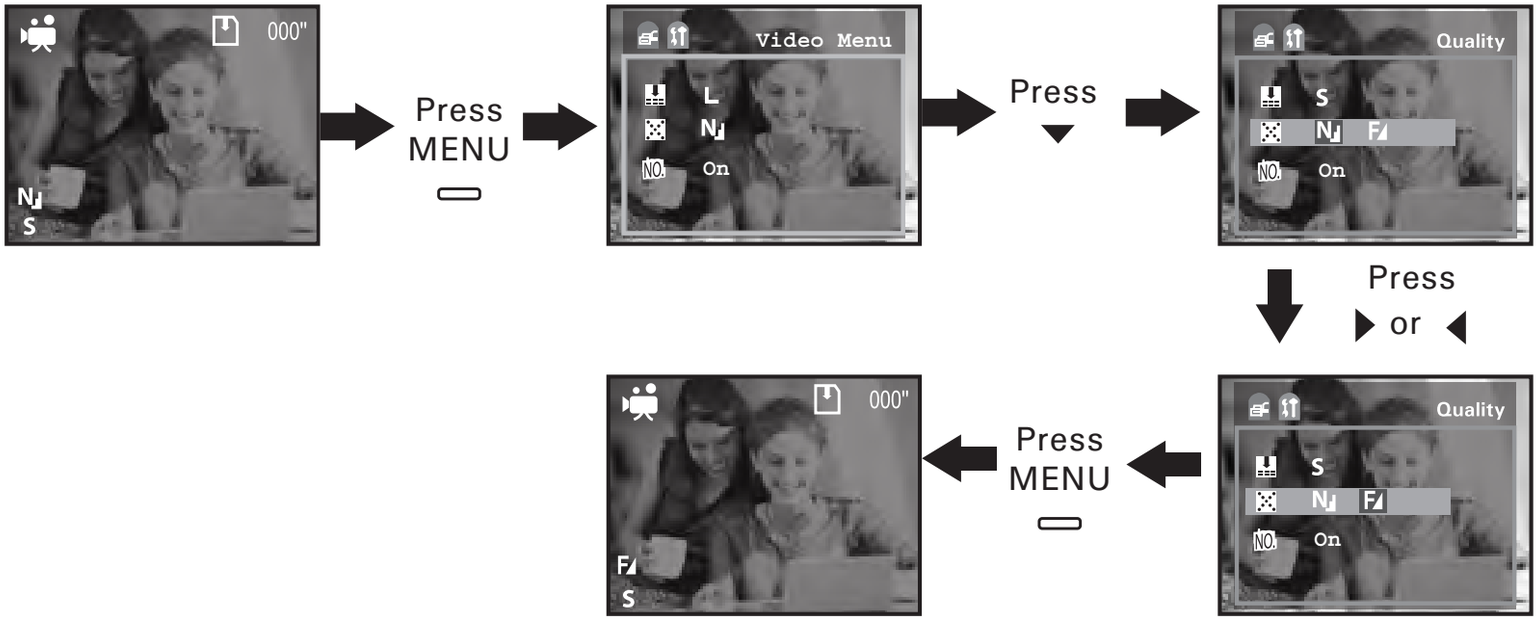
NOTE:

- The camera records video clips to the internal memory with one resolution setting of 320 x 240 pixels.
- When a memory card is inserted for recording video clips, two resolution settings of 640 x 480 and 320 x 240 pixels are available.

1. Insert a SD card. For a detailed guideline on memory card usage, please see "**6 Using the SD (Secure Digital) Card**" on page 56.
2. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
3. Set the camera in Video mode.



Setting Video Quality



Below is the approximate length of video clips the camera may hold based on the 16MB internal memory. Memory capacity may be expanded with a SD card.

Resolution:	320 x 240	Fine:	Approx. 2.0 minutes
		Normal:	Approx. 2.9 minutes

• Playback Picture(s)

Reviewing the Pictures by Shortcut

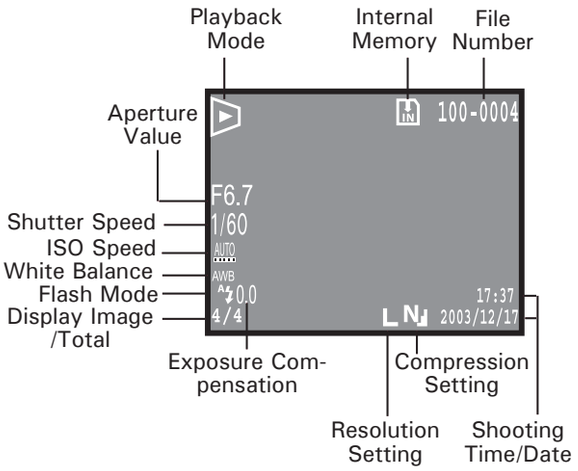
1. Pressing Playback button activates both the camera and Playback mode.
2. Press Left/Right button to view the pictures taken.

NOTE:

- The camera is always ready to take pictures or videos even if you are in the Menu or Playback mode. Pressing the Shutter button half way in either the menu or playback modes will quickly switch the camera to the capture or video mode (depending on where the Mode Dial is set).
- Pressing Playback button again will turn off the camera.

Reviewing the Pictures

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Press the Playback button to activate the Playback mode.
3. Press Left/Right button to view the pictures taken.



Reviewing the Pictures in Thumbnail

You can view up to 6 pictures at a time on the LCD screen by using the Thumbnail function.

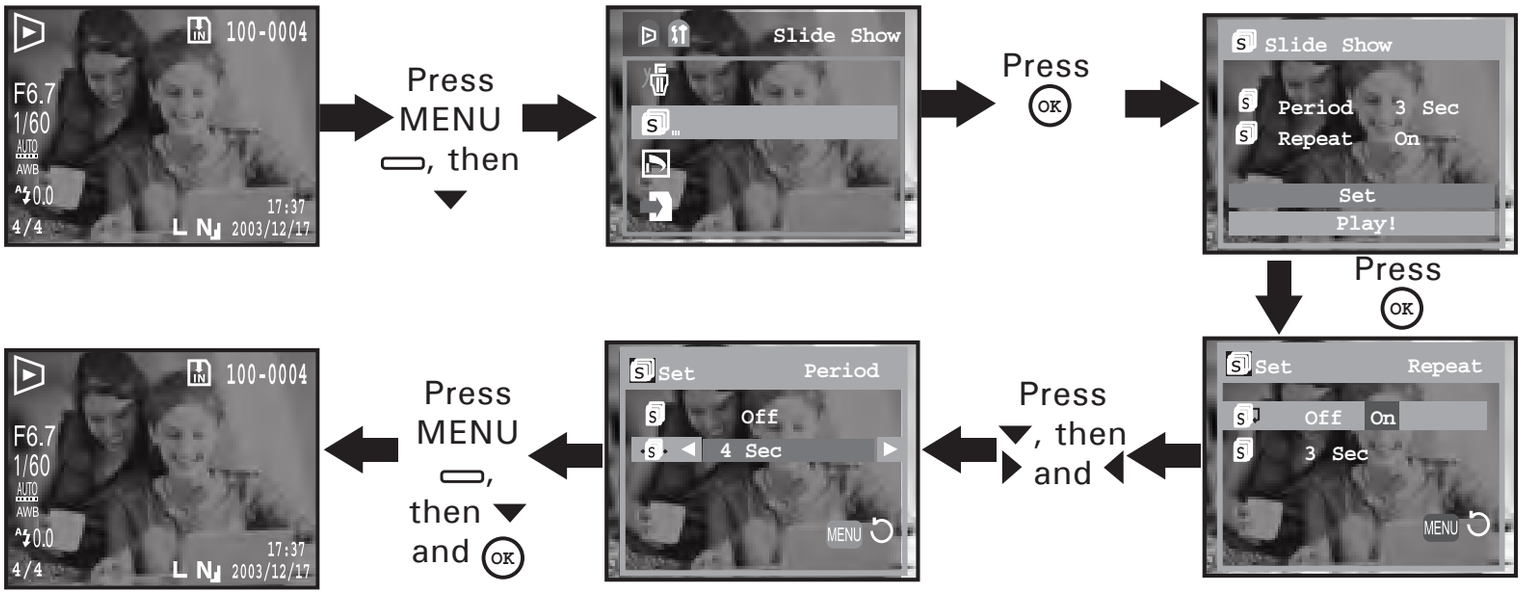
1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Press the Playback button to activate the Playback mode.
3. Press Zoom out button, the thumbnail pictures will be shown on the LCD screen and the latest reviewed picture will be highlighted.

You may press Left/Right button to select the thumbnail picture you want you review. Press the Zoom out button and the camera will return to the normal playback mode.

Running a Slide Show

The Slide Show function enables you to view all the pictures stored in the camera repeatedly one by one on the LCD screen.

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Press the Playback button to activate the Playback mode.



The slide show will automatically run from the first picture taken after you press the OK button. The LCD screen can show all pictures at a period of 3~30 seconds. You can press Left/Right button to skip backward or forward. Press Menu button to stop the slide show.

The slide show will keep running as long as there is power supply. We recommend the user to use AC power for long time slide show.

• Playing the Video Clips

Playing the Video Clips by Shortcut

1. Pressing Playback button activates both the camera and Playback mode.
2. Use Left/Right button to select the video clip you want to play.
3. Press OK button to start playing video clip. Press it again to pause.
4. Press Menu button to stop.

NOTE:

- The camera is always ready to take pictures or videos even if you are in the Menu or Playback mode. Pressing the Shutter button half way in either the menu or playback modes will quickly switch the camera to the capture or video mode (depending on where the Mode Dial is set).
- Pressing Playback button again will turn off the camera.

Playing the Video Clips

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Press the Playback button to activate the Playback mode.
3. Use Left/Right button to select the video clip you want to play.
4. Press OK button to start playing video clip. Press it again to pause.
5. Press Menu button to stop.

The icon is shown on LCD screen when video clip is selected. When playing the video clip, the playing time will appear on the LCD screen.

NOTE:

MPEG-4 files are supported by QuickTime Player software. Please download QuickTime Player software from the supplied CD before playing video clips.

• Protect the Picture(s) or Video Clip(s) Against Deletion

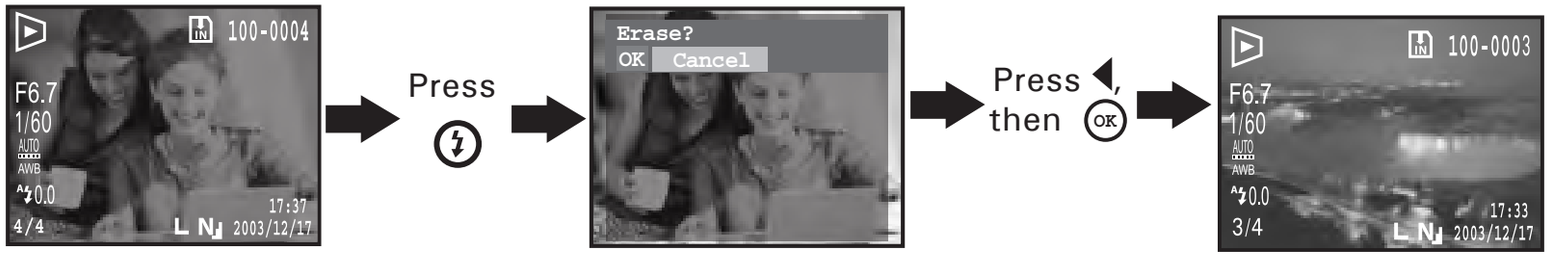
1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Press the Playback button to activate the Playback mode.
3. Press the Left/Right button to select the picture or video clip you want to protect.
4. Press the Mode/Macro/Protect button and the icon will appear on the LCD, indicating the picture or video clip is under protection against deletion.

NOTE:

- The protection setting is only available for the current picture or video clip file.
- To unprotect the protected picture or video clip, please press the Mode button again and the icon will disappear from the LCD screen.

• Deleting One Picture or Video Clip

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Press the Playback button to activate the Playback mode.
3. Press the Left/Right button to select the picture or video clip you want to delete.



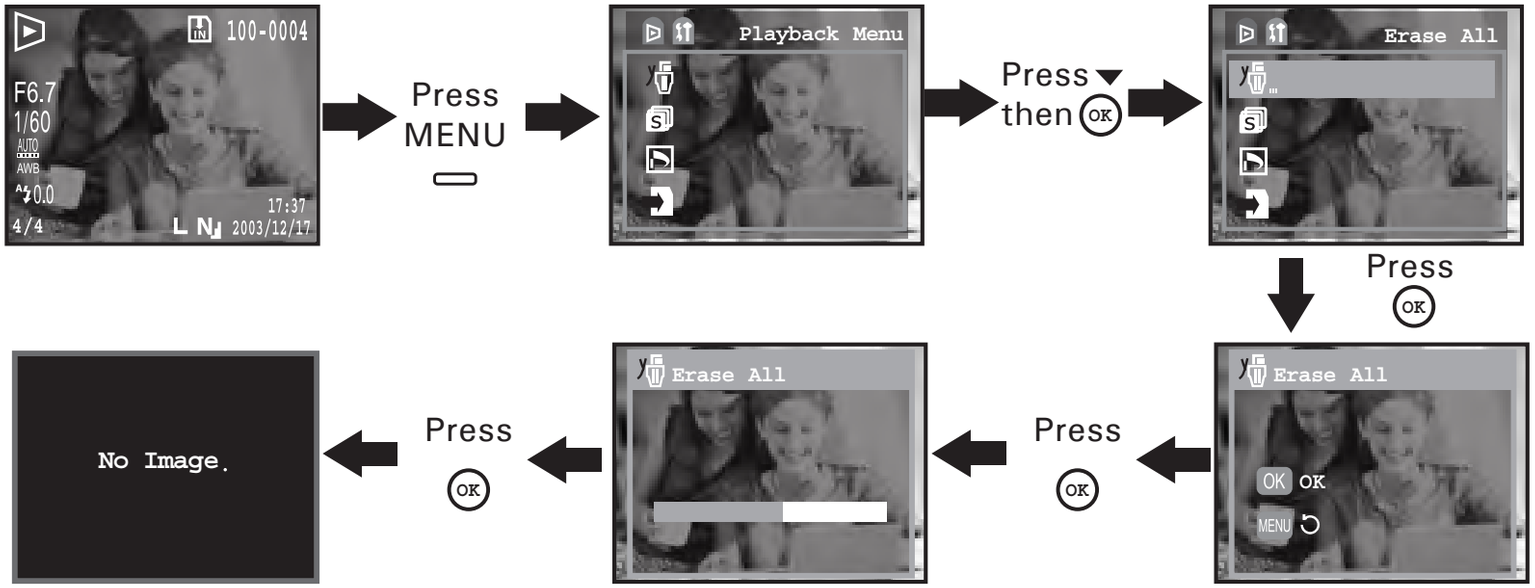
You may cancel the deletion by choosing “Cancel”.

NOTE:

- Protected file can not be deleted. Remove protection before deleting.
- When you press the Flash button to delete the protected file, two beep sounds will be heard and “Protected” will appear on the LCD screen, reminding of the file under protection.

• Deleting All Pictures and Video Clips

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Press the Playback button to activate the Playback mode.



NOTE:

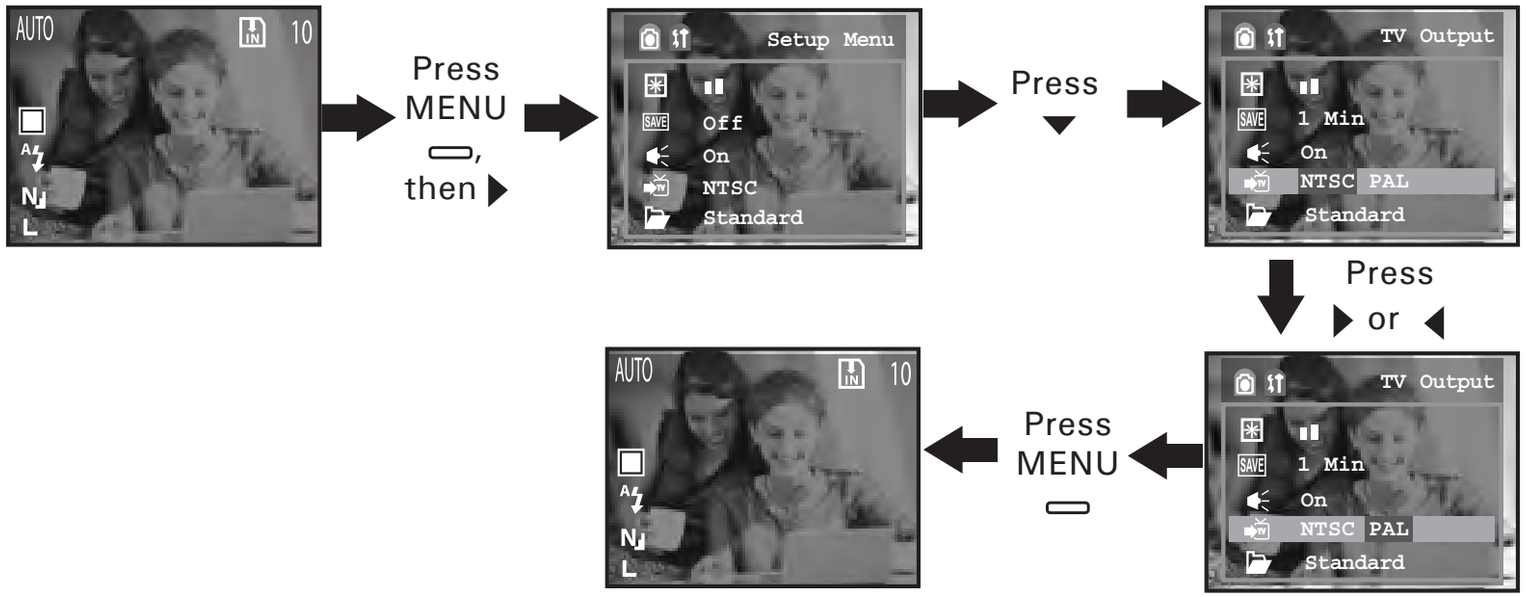
- Protected files can not be deleted. Remove protection before deleting.
- You may cancel the deletion by pressing the MENU button.
- All deleted picture and video clips can not be recovered.

• View Pictures and Video Clips on a TV

Setting TV Output System

The video output signal can be switched (NTSC or PAL) to accommodate different signal systems. For example, NTSC for U.S.A., Canada, Taiwan, Japan, etc. and PAL for Europe, Asia (excluding Taiwan), etc. You can choose the video output system according to the following steps:

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Set the camera in Auto mode.

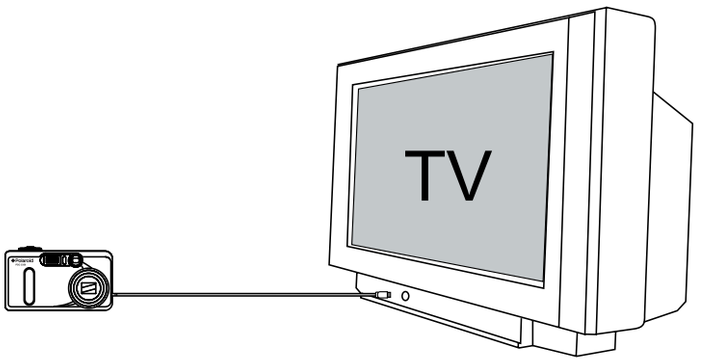


This setting is also available in A/S/M, Video and Playback modes.

Connecting to a TV

When the camera is connected to a TV, the LCD screen is not active and the TV screen now performs as the LCD screen.

1. Connect the camera to a TV via the video cable (supplied) as illustrated.
2. Set the TV to “Video” mode.
3. When the mode dial is turned to Auto or A/S/M, you can preview the picture you want to take on the TV screen.
4. When the mode dial is turned to Video, you can record a video clip with audio feature.



5. When the camera is set to the Playback mode, you can review all the pictures and video clips with audio feature stored in the camera on the TV.

NOTE:

- One end of the video cable is a USB plug and the other end includes a video plug (yellow) and a audio plug (white). Please connect the USB plug to USB port on the camera and plug the video and audio plugs accordingly to the video and audio input sockets on the TV.
- It is recommended to use AC adaptor when the camera is connected to TV.

6 Using the SD (Secure Digital) Card

• Using the SD card

Your camera comes with approximately 16MB of built-in flash memory for storing pictures/video clips. You can expand the memory using a commercially available SD card (up to 512MB). The camera senses whether a memory card is inserted, and automatically saves pictures accordingly. Note that you cannot save pictures to built-in flash memory while a memory card is installed in the camera.

Memory Card Precautions

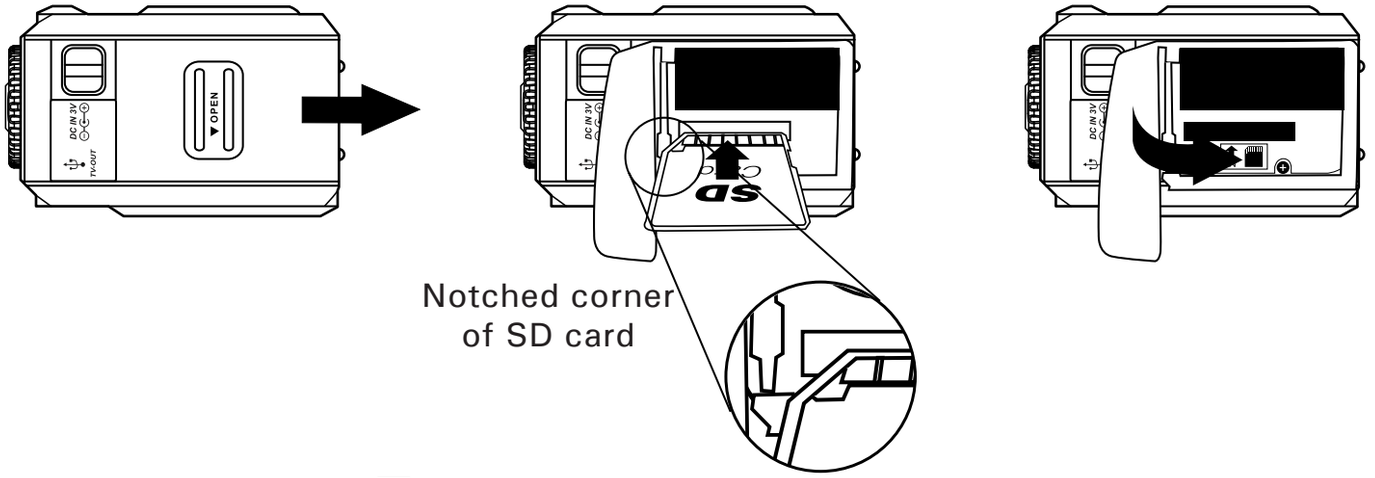
1. Use only an SD memory card with this camera. Proper operation is not guaranteed when any other type of card is used.
2. Electrostatic charge, electrical noise, and other phenomena can cause data corruption or even loss. Always make sure that you always back up important data on other media (MO disc, computer hard drive, etc.).
3. If a memory card starts to behave abnormally, you can restore normal operation by reformatting it. However, we recommend that you always take along more than one memory card whenever using the camera far away from the home or office.
4. We recommend that you format a memory card before using it for the first time after purchasing it, or whenever the card you are using seems to be the cause of abnormal pictures. Remember to format a memory card if it was used in another digital camera or other devices.

IMPORTANT!

- Make sure you turn off the camera before inserting or removing a memory card.
- Be sure to orient the card correctly when inserting it. Never try to force a memory card into the slot when you feel resistance.
- SD memory cards have a write protect switch, which you can use to protect against accidental deletion of picture data. “Whenever you want to record, format or delete item in the SD Card, you must disable write protection.”

Inserting the SD Card

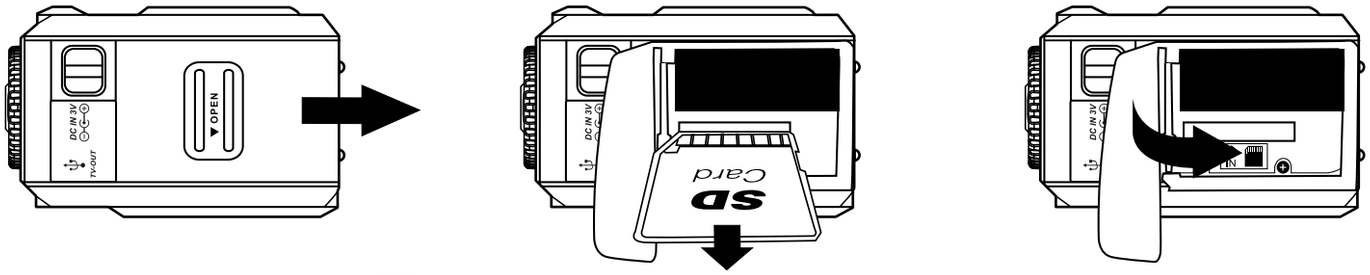
Turn off the camera and open the battery/SD card cover as illustrated. Insert the SD card ensuring the card is inserted correctly as illustrated. Close the battery/SD card cover. Make sure that the terminal of the memory card is facing the front of the camera.



Please note that the icon will appear on the LCD screen, indicating the SD card insertion.

Removing the SD Card

To remove the SD card, turn off your camera , open the battery/SD card cover, gently push the SD card inwards and then release it. The SD card will eject out from the SD card door as illustrated.



Please note that the IN icon will appear on the LCD screen, indicating there is no memory card inserted in the camera.

IMPORTANT!

- Never insert any other objects besides a SD memory card into the camera's card slot. Doing so creates the risk of damaging the camera and card slot.
- Make sure that the terminal of the memory card is facing towards the front of the camera.
- Should water or any foreign objects ever get into the card slot, immediately turn off the camera, remove the batteries or disconnect the AC adaptor, and contact your dealer or nearest service provider.

- **Copy Pictures and Video Clips from a Memory Card to the Internal Memory and from the Internal Memory to a Memory Card**

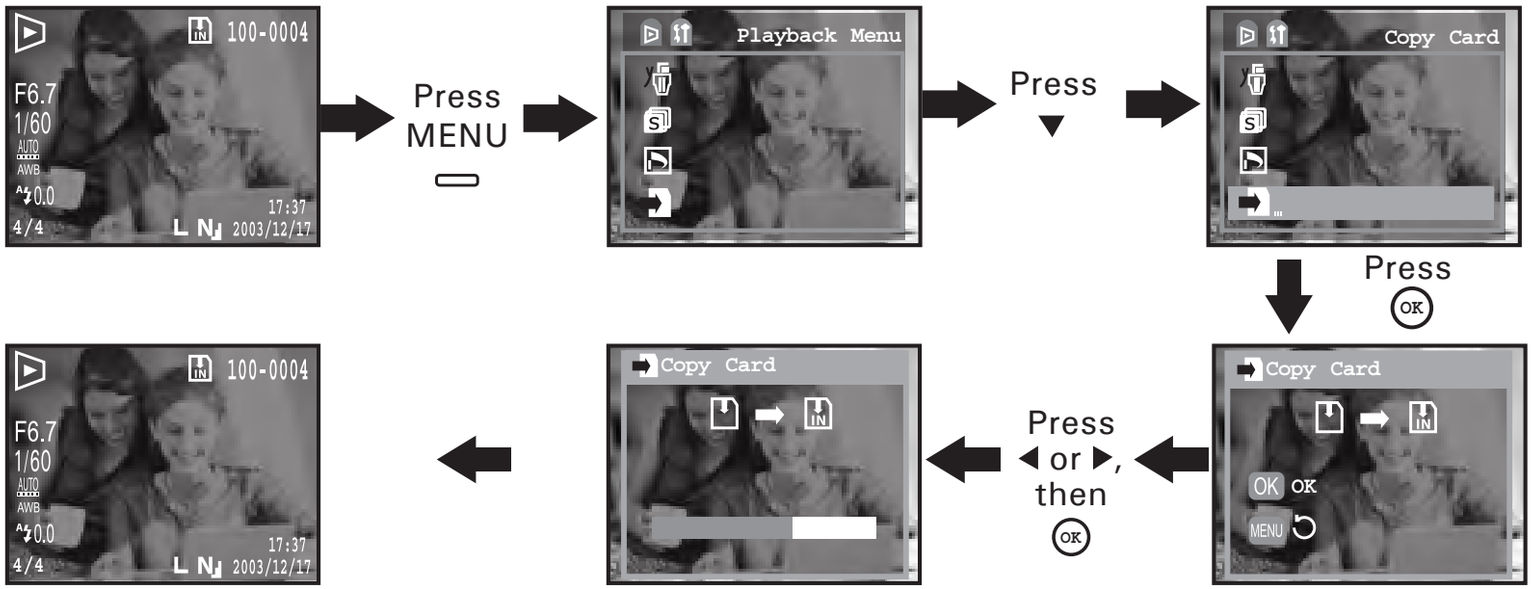
Insert a SD (Secure Digital) Card into the Card Slot.

Turn on the camera and press the Playback button to activate the Playback mode.

A SD card is available for storing pictures and video clips.

The internal memory is available for storing pictures and video clips.

Copy the pictures and video clips from a memory card to the internal memory or from the internal memory to a memory card as follows:



You can press Left/Right button to select the copy direction. A status bar will appear on the LCD screen and the red part will increase while copying the pictures and video clips.

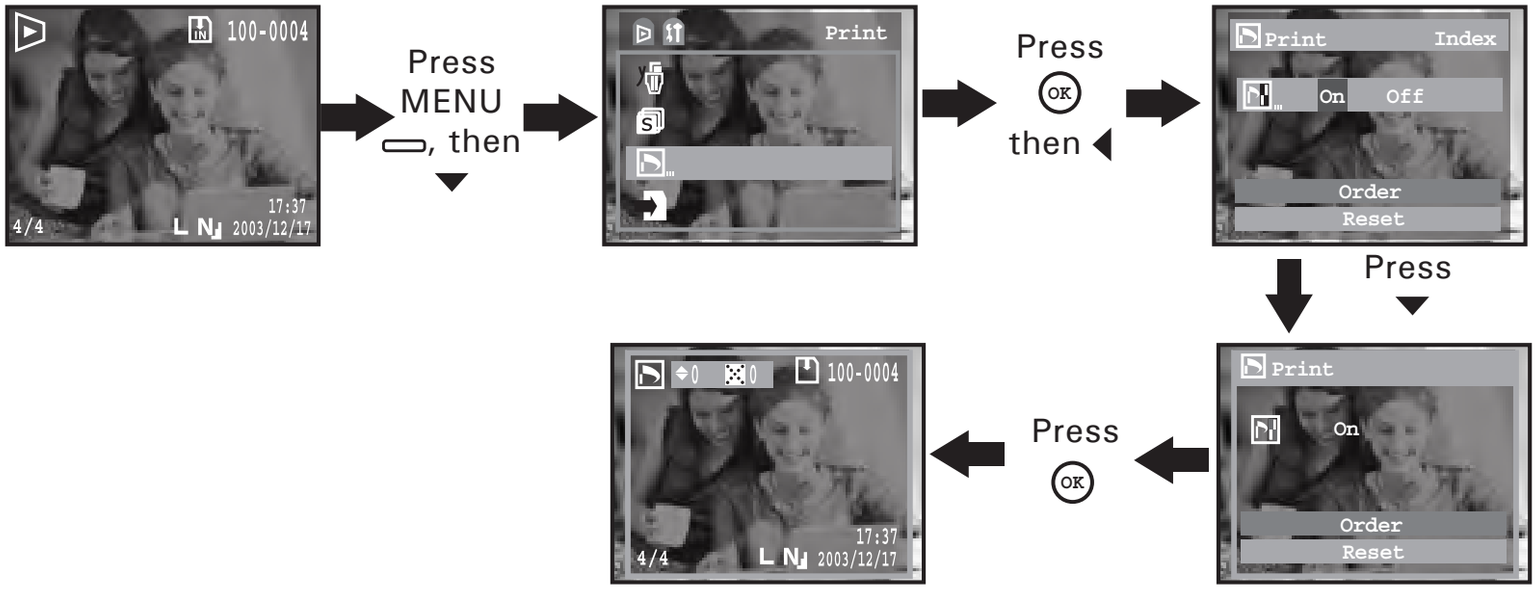
NOTE:

- When there is no picture or video clip in the memory card or in the internal memory, two beep sounds will be heard and “No image” will appear on the LCD screen.
- When no memory card is inserted in the camera, two beep sounds will be heard and “No card” will appear on the LCD screen.
- When the internal memory or the memory card is full, two beep sounds will be heard and “Card full!” will appear on the LCD screen. The camera will stop copying pictures and video clips.

• To Print Selected Pictures

This setting enables you to print all selected pictures in a certain order and have up to 99 copies for each picture.

1. Insert the SD card into the card slot.
2. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
3. Press the Playback button to activate the Playback mode.



Use Left and Right buttons to select the picture you want to print out and use Up and Down buttons to select the number of printing copies for the selected picture. The total number of printing copies will appear on the LCD screen.

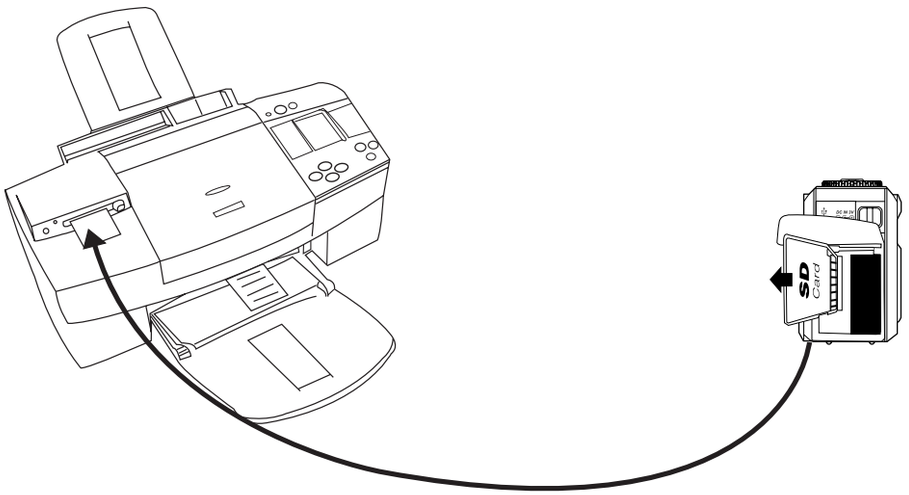
You can select “Reset” to clear all setting in above operations. Press Menu button to confirm your setting and return to the normal playback mode.

NOTE:

- You cannot select video clips.
- Printing setting is supported by a SD card insertion. Please make it sure you have inserted a SD card and copied images from the internal memory to the SD card before printing pictures.

• DPOF (Digital Print Order Format)

The letters ”DPOF” stand for “Digital Print Order Format”, which is a format for recording on a memory card or other medium which digital camera images should be printed and how many copies of the image should be printed. Then you can print on a DPOF-compatible printer or at a professional print service from the memory card in accordance with the file name and number of copies settings recorded on the card.
With this camera, you should always select images by viewing them on the LCD screen. Do not specify images by file name without viewing the file contents.



IMPORTANT!
DPOF print settings can be configured for images on a memory card only, not for images in the camera’s built-in memory. To configure DPOF print settings for images in the camera memory, you need to copy the images to a memory card first.

• P.I.M. (PRINT Image Matching)

This camera supports PRINT Image Matching. Images recorded with it include information about the mode setting, camera setup, etc. When you print an image on a printer that supports PRINT Image Matching, the printer reads this data and adjusts the printed image accordingly, so your image comes out just the way you intended when you recorded them. See the documentation that came with your printer for full details about PRINT Image Matching.

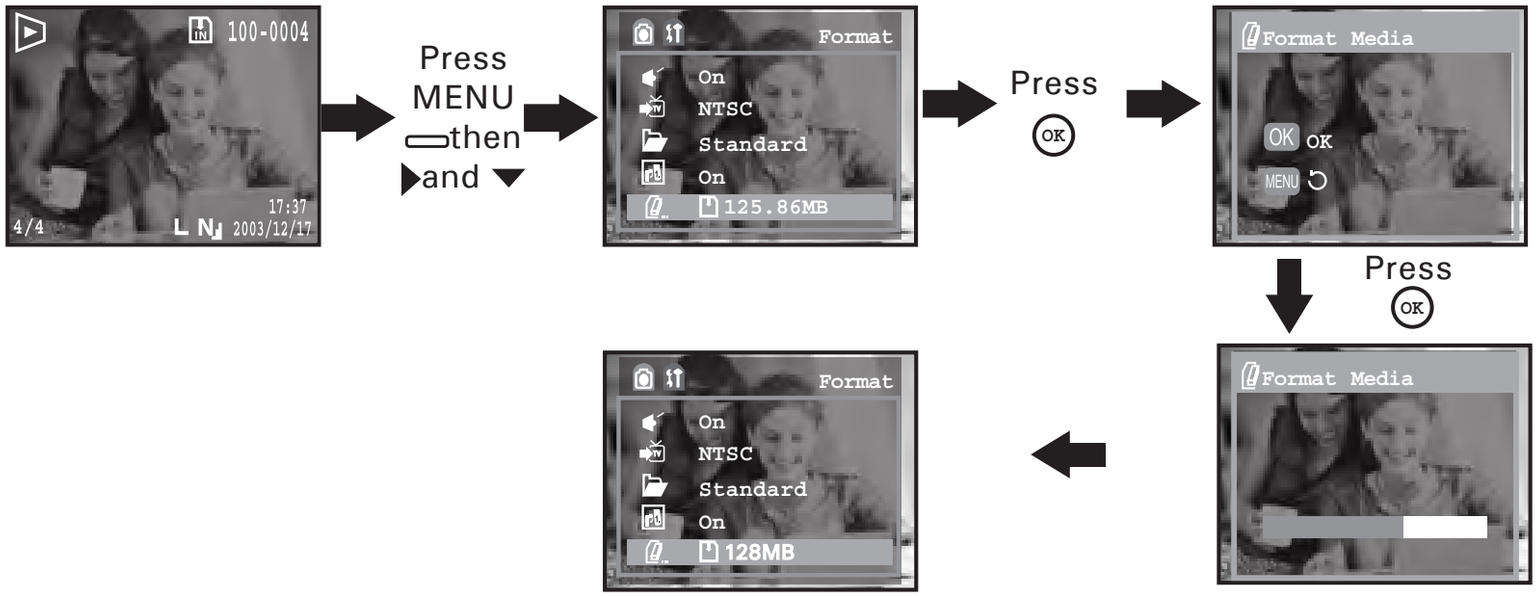
Now your digital camera and your printer can speak the same language. PRINT Image Matching technology ensures that PRINT Image Matching-enabled digital cameras and printers work together perfectly to produce the best possible prints. Through this innovative technology, the printer is able to instantly identify the print specific information for each image captured, to provide superior colour, quality and detail in every print.

For more detailed information, please go to the PRINT Image Matching website http://www.printimagematching.com.

• To Format a Memory Card

Formatting a memory card deletes all data already stored on it.

1. Turn on the camera by sliding and holding the Power Switch in the arrow direction shown near the switch for 2 seconds.
2. Press the Playback button to activate the Playback mode.



You may cancel formatting by pressing the MENU button in the above operation.

IMPORTANT!

- You can format a memory card on the camera or on a computer. However formatting a memory card on a computer takes much longer.
- Note that data deleted by a format operation cannot be recovered. Make sure you do not have any useful data currently stored on a memory card before you format it.
- Formatting a memory card destroys all the pictures, even those are protected.

7 Installing the Software Onto a Computer

• Installing the Software

PC

For Windows® Users:

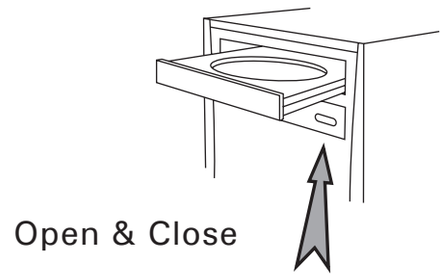
IMPORTANT!
- Please backup all the necessary data before any driver/software installation.
- The CD-ROM is tested and recommended to use under English Windows OS.

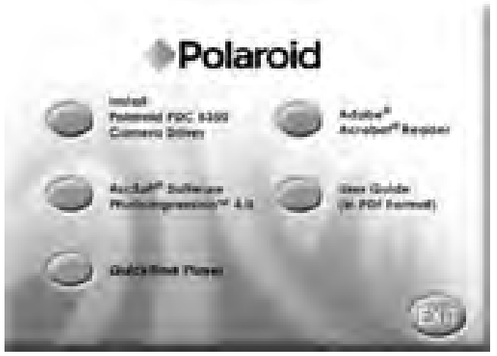
IMPORTANT! (For Windows® 98SE)
Windows® 98SE needs to install the PDC 5350 Driver for Mass Storage function. After the installation, please restart the Windows before connecting the camera to the PC.

IMPORTANT! (For Windows® Me, 2000, XP)
Directly plug-in the camera to transfer and play the pictures, video clips or audio clips. No need to install the driver.

IMPORTANT! – To play video clips on the PC, it is necessary to install the QuickTime Player to the computer.

1. Before you begin, close all other software applications open on your computer.
2. Insert the CD supplied into the computer CD-ROM Drive.
3. The CD User Interface Screen will automatically launch.
4. With the mouse, click on each software interface button in turn and follow the on screen instructions.





NOTE:
If the setup screen doesn't appear after loading the CD, then you can manually start it by double-clicking the "My Computer" Icon on your desktop, then double-clicking the icon for the CD-ROM drive. When the CD-ROM window opens, double-click the "INSTALL-E.EXE" icon.

For Macintosh® Users: **MAC**

1. Before you begin, close all other software applications opened on your computer.
2. Insert the CD supplied into the computer CD-ROM Drive.
3. Double click the CD-ROM icon "Polaroid".
4. Install the software included.

• Software Included with Your Camera

PDC 5350 ***Driver Plug & Play removable disk***

Easy to use, just plug the camera to a computer and use it as a removable disk. Use the Arcsoft® PhotoImpression™ 4.0 to edit and print the Pictures.

ArcSoft PhotoImpression™ 4.0 ***Picture Editing Software***

ArcSoft PhotoImpression™ is an easy to use image-editing program. This program enables users to upload still image and movie clips store in your camera. You could also edit and retouch your photos, then add special effects or place them in cards, calendars, frames and fantasy templates. ArcSoft PhotoImpression™ also includes a wide variety of printing options.

QuickTime Player ***Media Playing Software***

The QuickTime Player is an easy-to-use application for playing, interacting with or viewing any video, audio, VR, or graphic file that is compatible with QuickTime.

Adobe® Acrobat® Reader ***.PDF File Reading Software***

Adobe® Acrobat® Reader lets you view and print Adobe Portable Document format (PDF) files on all major computer platforms, as well as fill in and submit Adobe PDF forms online.

• Computer System Requirements

For acceptable picture transfer and editing performance, we recommend the following minimum requirements;

PC

For Windows® Users

- Compatible with Microsoft® Windows® 98SE, Me, 2000 or XP
- Pentium® II 333MHz or equivalent processor
- 64MB RAM (128MB recommended)
- USB Port
- 200MB free disk space
- Colour monitor with high colour (16-bit) graphic capability or higher
- CD-ROM drive
- Standard mouse and keyboard
- Stereo speakers

MAC

For Macintosh® Users

- PowerPC® Processor
- Mac™ OS Version 9.2~X
- USB Port
- 64MB RAM (128MB recommended)
- 150MB Free disk space
- Colour monitor with high colour (16-bit) graphic capability or higher
- CD-ROM drive
- Standard mouse and keyboard
- Stereo speakers

8 Transferring Pictures and Video Clips to a Computer

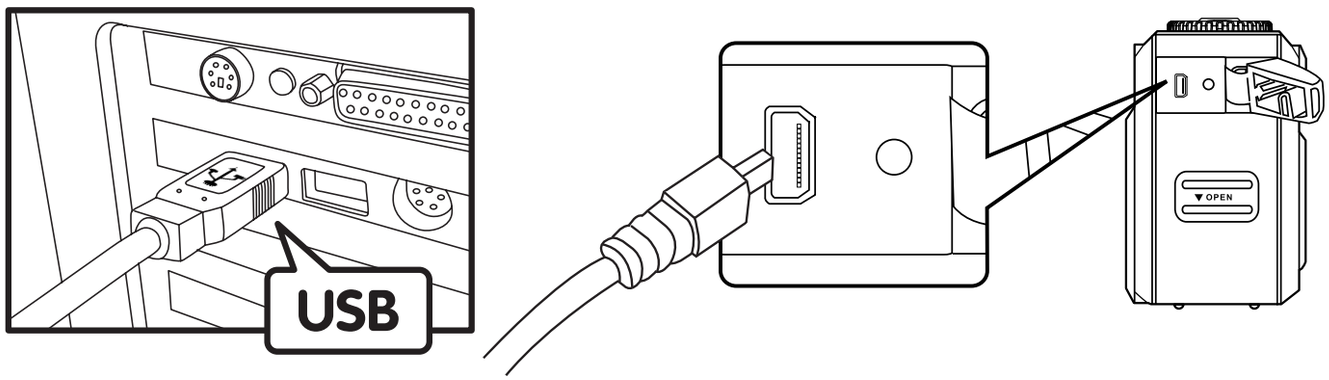
• Before You Transfer Pictures

IMPORTANT!

Before you transfer your pictures make sure you have installed the Polaroid PDC 5350 Camera Driver from the CD. Please refer to "7 Installing the Software Onto a Computer" on page 64.

• Connecting to Your Computer

Connecting with the USB Cable.



1. Turn the camera Off.
2. Plug the labelled end ⇠ of the USB cable into the socket marked ⇠ on your computer.
3. Plug the other end of the USB cable into the port on your camera.
4. Turn on the camera and an interface "New Hardware Found" will show on the computer desktop.
5. A removable disk drive will be installed onto your computer automatically.

NOTE:

It is recommended to use AC adaptor when the camera is connected to a computer.

• Transferring Pictures/Video Clips

PC

For Windows® Users

NOTE:
You can transfer pictures/video clips in any mode.

1. Turn on the camera
2. Set the camera to the Playback mode.
2. Connect the camera to a computer via the USB cable.
3. Double click on “My Computer” on your PC desktop and you will see a “Removable Disk” drive.
4. Double click “Removable Disk” -> double click “DCIM”-> double click any directory folder under “DCIM”.
5. All the pictures, video clips are in the directory folder. Highlight the pictures and video clips and drag them to a folder of your choice. You can also create sub-folders to group them or use the Arcsoft software to edit and manage the pictures or video clips.

MAC

For Macintosh® Users

NOTE:
For MAC user, directly plug-in the camera, no need to install the driver.

1. Turn on the camera
2. Set the camera to Playback mode.
3. Connect the camera to MAC via the USB cable, the systems will automatically recognize the MASS STORAGE drive. (System will automatically create a Mass Storage named “INTERNAL”/ “EXTERNAL”)

NOTE:
This Drive name will vary from different version of MAC OS system.

4. Double click the folder “INTERNAL”/“EXTERNAL” to enter sub-folder “DCIM”.
5. Double click the folder “DCIM” and then any subfolder inside.
6. You can copy the pictures and video clips from this directory folder and paste to the hard disk.

9 Troubleshooting Problems

• Troubleshooting

The troubleshooting guide is designed to help you. If problems continue, please contact your local customer support hot line. See your registration card for help line contact details.

PC

For Windows® Users:

Symptom	Problem	Solution
I receive an error message when I am installing "Polaroid PDC 5350 Camera Driver".	"Polaroid PDC 5350 Camera Driver" does not load.	Shut down all other applications and attempt to reinstall the driver.
		Check to see if the USB controller in your BIOS if it is activated. Please refer to Polaroid website for how to active USB controller in BIOS
I cannot upload images to my computer.	Connection failure.	Check all cable connections are secured.
	Camera Driver is not installed.	You need to install the camera driver for Windows 98SE systems.
I cannot run the "Polaroid PDC 5350 Camera Driver".	Conflict with another camera driver or capture device.	If you have another camera installed on your computer, remove it and it's driver completely from your system to avoid conflicting with your PDC 5350
I see the following error message during driver installation. "An error occurred during the move data process: -115 Component:\WIN98\ICO File Group: 98ICO File: C:"	Polaroid PDC 5350 driver installs second time.	Please remove the existing PDC 5350 driver first and install again.
My CD Installation wizard does not work.	The auto installation file is switched off or The CD-ROM is disconnected.	Go to the computer desktop. Right click on "My Computer". Click "Properties". Select "Device Manager". Double click on "CD-ROM", double click on "CD-R (normally the manufacturer's name. Click on "Settings". Ensure both "Auto insert notification" and the "disconnect" are ticked. If you change the settings the computer will ask you to restart your PC. Click "Yes".
Images do not show on TV.	Video cable is not connected correctly.	Make sure the video cable is connected to the TV "Video In" socket.
Images on the TV screen do not display in colour.	Wrong system selection	Change to NTSC for USA.

For Windows® and Macintosh® Users:

PC MAC

Symptom	Problem	Solution
I cannot activate my Digital Camera by sliding the Power Switch.	Insufficient battery power or batteries are missing.	Recharge your battery or place your battery into the camera.
	Battery door is not closed.	Make sure the battery door is securely closed.
I cannot upload images to the computer.	Connection failure.	Check all cable connections are secured.
Image does not display on the LCD screen.	A SD card with non-DCIF images (recorded with another camera) is loaded.	PDC 5350 camera can not display non-DCIF images.
Camera suddenly powers off.	Auto Power Function activated Or Batteries are dead.	Turn the camera on Or Recharge your battery.
Image is not recorded when the shutter button is pressed.	Camera is turned off Or Flash unit is charging Or Memory is full.	Turn the camera on Or Wait until flash unit charging finishes Or Delete images you no longer need, or use another memory card.
Camera powers off during self-timer countdown.	Batteries are dead.	Recharge your battery.
LCD screen image is out of focus.	Macro Mode being used for scenery or portraits Or Normal focus being used for macro images.	Use normal focus for scenery and portraits Or Use Macro mode for macro images.
Recorded pictures are not saved in memory.	Camera powers off before the save operation is complete Or Removing the memory card before the save operation is complete.	If the battery is exhausted, recharge your battery Or Do not remove the memory card before the save operation is complete.
The camera cannot take pictures.	The flash is recharging. Or The SD card is not formatted correctly. Or The camera is set to the Playback mode.	Wait for completing recharging the flash. Or The SD card may be damaged. Please use a new card. Or Set the camera in Auto, A/S/M or Video mode.

Symptom	Problem	Solution
Colour of the playback pictures is different from the picture on the LCD screen during recording.	Sunlight or light from another source is shining directly into the lens during recording.	Position the camera so that sunlight does not shine directly onto the lens.
Pictures are not displayed.	A memory card with non-DCF pictures recorded with another camera is loaded in the camera.	This camera cannot display non-DCF pictures recorded onto a memory card used by another digital camera.
I cannot erase pictures.	All the pictures in memory are protected.	Unprotected the pictures you want to delete.
LCD screen does not appear on the screen of the connected television.	There is a problem with the camera-TV connection Or TV setup is wrong Or Video system is incompatible.	Use the supplied video cable to connect the camera to the TV Or Consult the documentation of the TV and set it to video mode Or Select the proper video output system.
I can not play the video clips on the PC.	QuickTime Player has not been installed to the PC.	Install the QuickTime Player from the CD supplied.

Please also refer to the help files & User Guides that accompany the enclosed applications.
For further information and support, please visit our website:
http://www.polaroid-digital.com

10 Getting Help

• Polaroid-digital Online Services

Website: http://www.polaroid-digital.com

• ArcSoft Software Help

For North America
ArcSoft HQ Support Centre
(Fremont California, CA)
Tel: 1-800-762-8657
(toll free number)
Fax: 1-510-440-1270
E-mail: support@arcsoft.com

For South & Central America
Tel: 1-510-979+5520
Fax: 1-510-440-1270
E-mail:latlnsupport@arcsoft.com

For China
ArcSoft China Support Centre (Beijing)
Tel: 8610-6849-1368
Fax: 8610-6849-1367
E-mail: china@arcsoft.com

For Japan
ArcSoft Japan Support Centre (Tokyo)
Tel: +81-03-3834-5256
Fax: +81-03-5816-4730
Web: http://www.mds2000.co.jp/arcsoft
E-mail: japan@arcsoft.com and support@mds2000.com

For Oceania
ArcSoft Australian Support Centre
(Baulkham Hills, New South Wales)
Tel: 61 (2) 9899-5888
Fax: 61 (2) 9899-5728
E-mail: support@supportgroup.com.au

For Europe/Middle East/ Africa & Rest of the World
ArcSoft Europe Support Centre
(Ireland)
Tel: +353-(0) 61-702087
Fax: +353-(0) 61-702001
E-mail: europe@arcsoft.com

Visit http://www.arcsoft.com for technical support and frequently asked questions (FAQ's).

11 Appendix

- **Technical Specifications**
- Internal Memory: Approx. 16MB Nand Flash
- External Memory: support SD card up to 512MB (not included)
- Lens Module
  - Element: 5 groups, 6 elements
  - Focal Length: 7.7 ~ 23.1 mm
  - F No.: Wide 2.8 ~ 6.7; Tele 5.0 ~ 11.8
- Sensor
  - Sony 5.25 Mega Pixel CCD
  - Size: 1/1.8 inch
- Storable Still Images: (Based on 16MB internal memory)

Resolution: L 2560 X 1920	Fine: Approx. 8 pictures
	Normal: Approx. 11 pictures
Resolution: M1 2048 X 1536	Fine: Approx. 16 pictures
	Normal: Approx. 23 pictures
Resolution: M2 1280 X 960	Fine: Approx. 40 pictures
	Normal: Approx. 48 pictures
Resolution: S 640 X 480	Fine: Approx. 129 pictures
	Normal: Approx. 160 pictures

- Still Image Quality: - Fine - 5X compression rate
  - Normal - 10X compression rate
- Storable Video Clip Length: (Based on 16MB internal memory)

320 x 240 pixels @ 20fps	Fine: Approx. 2.0 minutes
	Normal: Approx. 2.9 minutes

NOTE:
- While the camera is recording video clips to the internal memory, the resolution is set to 320 x 240 pixels automatically.
- With a memory card inserted, 640 x 480 pixels and 320 x 240 pixels can be chosen for recording video clips.

- Self Timer: 2 or 10 seconds with beep sound
- ISO: Auto, 100, 200 or 400
- Playback Mode: Single/9 Thumbnail pictures

- File Format:
  - Still Image - Still: EXIF 2.1 compatible format (JPEG compression) DCF compatible. Support DPOF, P.I.M.
  - Video Clip - MPEG-4 format
- Digital Zoom
  - Capture Mode: up to 4X continuous
  - Playback Mode: up to 4X, scollable
- Optical Zoom
  - Preview Mode: up to 3X, continuous
- Focusing
  - Auto focus with macro mode
- Focus Range
  - Normal focus:18 inches to ∞ (45 cm to ∞)
  - Macro focus - Telephoto: 14 ~ 22 inches (35 ~ 55 CM)
    Wide: 6 ~ 24 inches (15 ~ 60 CM)
    (The focusing range is the distance from the lens surface to the subject)
- Built-in Flash
  - Flash Modes -AUTO, OFF, ON, Red-eye reduction, Slow sync, Slow red-eye
  - Flash Range - Wide: 2.6 ~ 9 feet (0.8 ~ 2.7 metres)
    Telephoto: 2.6 ~ 6.7 feet (0.8 ~ 2 metres)
- Low Battery indicator
  - 3 levels, Full, Low and Exhausted
- Weight
  - Approximately 174g excluding batteries
- Auto Power Off: Off, 1~10 minute(s)
- LCD Screen
  - 1.5" TFT colour panel
- Input/Output Terminal
  - USB port, AC adaptor connector, Video Out (NTSC/PAL)
- Power Supply
  - 5 V, centre positive, 2.0A Adaptor (included)
  - 3.7V 900 mAh Li-ion Battery (included)
- Operating System:
  - For Windows® Users: Microsoft® Windows® 98SE, Me, 2000 or XP
  - For Macintosh® Users: Mac® OS Version 9.2~X.

• Capacity of SD Card

SD Card		Fine quality pictures can be taken	Normal quality pictures can be taken
16MB	L 2560 x 1920	8	11
	M1 2048 x 1536	16	23
	M2 1280 x 960	40	48
	S 640 x 480	129	160
32MB	L 2560 x 1920	17	24
	M1 2048 x 1536	40	50
	M2 1280 x 960	90	100
	S 640 x 480	260	330
64MB	L 2560 x 1920	40	50
	M1 2048 x 1536	85	110
	M2 1280 x 960	185	215
	S 640 x 480	560	700
128MB	L 2560 x 1920	82	107
	M1 2048 x 1536	152	217
	M2 1280 x 960	375	451
	S 640 x 480	1193	1480
256MB	L 2560 x 1920	170	220
	M1 2048 x 1536	310	440
	M2 1280 x 960	750	900
	S 640 x 480	2300	3100

SD Card		Fine quality pictures can be taken	Normal quality pictures can be taken
512MB	L 2560 x 1920	340	440
	M1 2048 x 1536	620	880
	M2 1280 x 960	1500	1800
	S 640 x 480	4600	6200

SD Card		Fine quality video clips can be taken	Normal quality video clips can be taken
16MB	L 640 x 480	0.8 minutes	1.0 minutes
	S 320 x 240	2.0 minutes	2.9 minutes
32MB	L 640 x 480	1.6 minutes	2.0 minutes
	S 320 x 240	4.2 minutes	5.8 minutes
64MB	L 640 x 480	3.3 minutes	4.0 minutes
	S 320 x 240	8.3 minutes	11.9 minutes
128MB	L 640 x 480	6.5 minutes	8.1 minutes
	S 320 x 240	18.9 minutes	26.9 minutes
256MB	L 640 x 480	13.2 minutes	16.5 minutes
	S 320 x 240	38.5 minutes	54.7 minutes
512MB	L 640 x 480	26.3 minutes	33 minutes
	S 320 x 240	77 minutes	109 minutes

NOTE:
Scene complexity affects a picture's file size. For example, a picture of trees in autumn has a larger file size than a picture of blue sky at the same resolution and quality setting. Therefore, the number of pictures and video clips you can store on a memory card may vary.

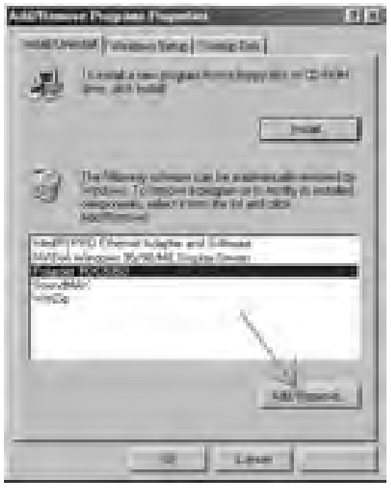
• Uninstalling Polaroid PDC 5350 driver

PC

For Windows® 98SE Users:

NOTE:
The following driver uninstall procedure is for Windows 98SE users only because only Windows 98SE needs to install the PDC 5350 driver.

1. Open Add/Removable Program Properties in Control Panel and select “Polaroid PDC5350" program, then click Add/Remove .
2. The following dialog box appears, click "OK" to confirm removing the camera driver.
3. The uninstallation program runs automatically, please restart your computer when it is finished.



• Using Your Battery

WARNINGS!

- Battery should be replaced by an adult.
- Insert the battery with the correct polarity.
- Remove exhausted battery from the camera immediately.
- Do not short the supply terminals.
- Do not dispose the battery in fire.
- Remove battery from the camera when not in use.
- Batteries life varies depends on the camera usage.

These instructions should be retained for future reference.

• Tips, Your Safety & Maintenance

Your Camera should only be operated within the following environmental conditions;

- 32 - 104º Fahrenheit; 0 - 40º Celsius
- 15% - 90% relative humidity, non condensing

Battery life or image quality may be affected outside these conditions.

AC Adaptor

The AC Adaptor carries voltage which can be dangerous if live parts are exposed.

We recommend that you regularly examine the AC adaptor for any breakage. NEVER try to repair or open the AC adaptor.

⚠ Camera Cautions

- NEVER immerse any part of the Camera or its accessories into any fluid or liquid.
- ALWAYS disconnect the Camera from your PC or TV before cleaning it.
- ALWAYS remove dust or stains with a soft cloth dampened with water or neutral detergent.
- NEVER place hot items on the surface of the Camera.
- NEVER attempt to open or disassemble Camera as this will affect any warranty claim.

• Regulatory Information

FCC Notice

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.
Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is needed.
- Consult the dealer or an experienced radio/TV technician for help.

Shielded cable must be used with this unit to ensure compliance with the Class B FCC limits.

Under the environment with electrostatic discharge, the product may malfunction and require user to reset the product.

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